

**Application
for the
TENNESSEE GOVERNOR'S SCHOOLS
for the
Agricultural Sciences
Computational Physics
Emerging Technologies
Engineering
Humanities
Information Technology Leadership
International Studies
Prospective Teachers
Sciences
Scientific Exploration of Tennessee Heritage
Scientific Models and Data Analysis**



**Tennessee State Department of Education
Nashville, Tennessee
Summer 2010**

THE GOVERNOR'S SCHOOLS OF TENNESSEE

1. **The School for the Agricultural Sciences** – May 23 - June 18, 2010 – held on the campus of The University of Tennessee at Martin – focuses on the importance of agriculture and natural resources to the state and national economy. Emphasis on experiential learning and laboratory exercises related to the agricultural sciences to include production agriculture, agricultural business enterprises and natural resources management. **Application deadline: postmarked by November 25, 2009.** <http://www.utm.edu/departments/caas/tgsas/>
2. **The School for the Arts** – June 6- July 2, 2010 – held on the campus of Middle Tennessee State University in Murfreesboro – only 30 miles from Nashville and the Tennessee Performing Arts Center, the Nashville Symphony Orchestra, Cheekwood Fine Arts Center, and world famous recording studios. **This year's application deadline for the School of the Arts has changed to November 6, 2009. A separate application for the School of the Arts is available on their website.** <http://www.gsfta.org>
3. **The School for Computational Physics** – May 30 - July 2, 2010 – held on the campus of Austin Peay State University in Clarksville – focuses on the application of computational methods to problems in all fields of science and engineering. The school will take advantage of our centralized location to NASA's Marshall Space Flight Center, Oak Ridge National Laboratory, and the National Center for Computational Engineering. **Application deadline: postmarked by December 15, 2009.** http://www.apsu.edu/governors_school
4. **The School for Emerging Technologies** – May 30 - July 3, 2010 – held on the campus of Tennessee Technological University in Cookeville – designed to stimulate interest in science, technology, engineering and mathematics through study of current topics in biotechnology, nanotechnology, information technology and other emerging technologies – includes field trips to emerging technology partner sites across the State. **Application deadline: postmarked by November 25, 2009.** <http://www.tntech.edu/et>
5. **The School for Engineering** – June 6 - July 10, 2010 – held on the campus of The University of Tennessee in Knoxville – focuses on engineering design and principles of biomedical engineering. **Application deadline: postmarked by November 25, 2009.**<http://govschool.utk.edu/>
6. **The School for the Humanities** – June 6 - July 3, 2010 – held on the campus of The University of Tennessee at Martin in the center of West Tennessee's rich cultural heritage. This program celebrates the expression of who we are, what we believe and the power of ideas in creating shared communities. **Application deadline: postmarked by November 25, 2009.** <http://www.utm.edu/departments/govschool>
7. **The School for Information Technology Leadership** – May 30 – July 3, 2010 – this school will be held on the campus of Tennessee Technological University in Cookeville – student their knowledge of information technology and business leadership by developing a business plan for an information technology-based business. **Application deadline: postmarked by November 25, 2009.** <http://www.tntech.edu/govschool>
8. **The School for International Studies** – June 6 - July 3, 2010 – held on the campus of The University of Memphis – in Memphis – in the heart of Tennessee's growing international corporate center on the banks of the Mississippi River – home to Federal Express, Holiday Inns, and Schering-Plough. **Application deadline: postmarked by November 25, 2009.** <http://cas.memphis.edu/govschool/>
9. **The School for Prospective Teachers** – May 31 - July 2, 2010 held on the campus of The University of Tennessee at Chattanooga – with access to schools and cultural attractions and events in the greater Chattanooga metropolitan area including the Tennessee Aquarium, river attractions and festivals. **Application deadline: postmarked by November 25, 2009.** <http://www.utc.edu/tpa>
10. **The School for the Sciences** – June 6 - July 10, 2010 – held on the campus of The University of Tennessee at Knoxville – provides an introduction to scientific reasoning and communication and an in-depth elective course in

biology, chemistry, mathematics or physics. **Application deadline: postmarked by November 25, 2009.**
<http://govschool.utk.edu>

11. **The School for the Scientific Exploration of Tennessee Heritage** – May 30- July 2, 2010 – held on the campus of East Tennessee State University – in Johnson City – surrounded by the area where Tennessee’s history actually began and only a few miles from Jonesborough, the state’s oldest existing city. **Application deadline: postmarked by November 25, 2009.** <http://www.etsu.edu/cass/governors/default.asp>
12. **The School for Scientific Models and Data Analysis** – May 30 - July 2, 2010 – held on the campus of East Tennessee State University, close to the Gray Fossil Site and the Appalachian Trail, and home to several innovative interdisciplinary academic programs. **Application deadline: postmarked by November 25, 2009.**
<http://www.etsu.edu/cas/math/mathexcellence/default.aspx>

I.	General Information	Page C
II.	Counselors’ Nominating Procedures	D
	A. Nominating criteria	D
	B. Completing the application materials	D
	C. Submitting the complete application	E
III.	Governor’s School Criteria and Selection Process	E
	A. Criteria	E
	B. Expectation of Students	E
	C. Governor’s Schools Selection Process	F
IV.	Frequently Asked Questions.....	F
V.	Additional Information for the Applicant	I
VI.	School-specific Prerequisites and Questions (Separate application for the GS for the Arts)	I
	Governor’s School for the Agricultural Sciences	I
	Governor’s School for Computational Physics	I
	Governor’s School for Emerging Technologies.....	J
	Governor’s School for Engineering	J
	Governor’s School for the Humanities	K
	Governor’s School for Information Technology Leadership	K
	Governor’s School for the International Studies	L
	Governor’s School for Prospective Teachers	L
	Governor’s School for the Sciences	M
	Governor’s School for the Scientific Exploration of Tennessee Heritage	N
	Governor’s School for Scientific Models and Data Analysis	N
VII.	Contact Information	O
VIII.	Application Forms	P
	Certification of Application	1
	Personal Data Form.....	2
	Test Data Form.....	3
	Confidential Guidance Counselor’s Recommendation Form	4
	Confidential Teacher’s Reference Forms.....	5, 7

I. GENERAL INFORMATION

The Governor’s Schools will offer selected gifted and talented high school students intensive learning experiences in the Humanities, Math and Science, Arts, International Studies, Scientific Exploration of Tennessee Heritage, Prospective Teaching, Emerging Technologies, Engineering, Information Technology Leadership, and Agricultural Sciences, Computational Physics and Scientific Models and Data Analysis.

Students in the tenth and eleventh grades who would like to participate in a challenging and high-intensity program in one of the twelve areas should obtain application(s) from their school guidance counselor. The resources of each school system should be utilized to the fullest extent to ensure that the best possible candidates meeting the criteria listed below receive applications. Nominations for the Tennessee Governor’s Schools will be made (by guidance counselors or principals) at the high school level. Each Governor’s School review/selection committee(s) will select the students who will attend each school.

II. COUNSELOR NOMINATING PROCEDURES AND APPLICATION INSTRUCTIONS

A. NOMINATING CRITERIA:

GENERAL

The students most likely to profit from this unique living/learning experience will be expected to:

1. Meet the prerequisites of the Governor's School to which application is made (see pages I-M).
2. Display a high degree of motivation to participate in the program for the entire five weeks.
3. Possess the ability to cope with a curriculum that stresses creative conceptual thinking. He/she also must be willing to expend considerable time and effort in the content area selected.
4. Complete application materials and return them to the guidance counselor, who will mail the complete application packet to the respective Governor's School Office(s) to be **post marked** no later than **November 25, 2009**. Guidance Counselors may set earlier deadlines so applications won't be late. The **School for the Arts** application deadline is **November 6, 2009** and **Computational Physics' is December 15, 2009**.

SPECIFIC CRITERIA

1. Nominees should rank in the top of their class in performance/capability. (Upper 10 percent preferably)
2. Nominees should be emotionally mature and possess evidence of many characteristics of a gifted student. Those attributes include:
 - a. Curiosity as a keen observer thrives on complexity and gets involved.
 - b. Ability to analyze, synthesize, and evaluate; sees new relationships; is able to generate many alternatives; is self-initiated.
 - c. Ability to learn rapidly easily, and efficiently; retains and uses information.
 - d. Ability to express himself/herself in writing, orally, and/or artistically.
 - e. Sense of humor.
 - f. Inquisitiveness; asks provocative questions.
 - g. A record of out-of-school learning experiences or projects.
3. An official transcript must be included in the application materials. Honors, advanced placement, or similar courses should be indicated.
4. Teacher and counselor recommendations are to be completed as indicated. Additional letters of recommendation are acceptable.

B. COMPLETING THE APPLICATION MATERIALS: Class rank, class size, numerical test scores, etc. must be provided by the counselor, if available. Please note that while standardized test scores are not mandatory for this year's candidates, counselors are strongly encouraged to include this information if it is available. An official transcript must be included in the application packet. On the lines below, students are to list two teachers (see school-specific list on this page) to complete the Confidential Teacher Reference Forms. The counselor will need to obtain the completed forms from the respective teachers. There is a space available at the bottom of the teacher reference form to put the name of the counselor to whom the form is to be returned. Additional information about the required forms can be found on the next page in Section C, "Submitting the complete application".

1. Make sure applications are complete.
2. Make sure pages are arranged in correct order.
3. Make sure all pages are filled out, signed when appropriate, and attached (including confidential teacher references and the confidential guidance counselor letter of recommendation).
4. Make sure current official transcript and question responses are attached.
5. Make sure appropriate signatures are obtained.
6. Make sure application is **post marked** no later than **November 25, 2009**. The **School for the Arts** application deadline is **November 6, 2009**.
7. Student may keep a copy **excluding** the Confidential Teacher's Reference Forms and the Confidential Guidance Counselor's Recommendation Form.
8. **Guidance Counselor should keep one complete copy.**
9. Completed applications should be mailed by the **Guidance Counselor** to the respective Governor's Schools. **Applications submitted directly by students will not be accepted.**
10. Class rank, class size, numerical test scores, etc. must be provided by the counselor, if available. Please note that while PSAT, SAT, and ACT scores are not mandatory for this year's candidates, counselors are strongly encouraged to include this information if available.

Teacher's Name

Subject

III. GOVERNOR'S SCHOOLS CRITERIA, EXPECTATIONS OF STUDENTS, AND SELECTION PROCESS

A. CRITERIA: From the total applications received by each Governor's School Office, the students selected to attend each school will be chosen in the following manner:

1. Every effort will be made to include at least one qualified student from each public school system in one of the eleven school programs.
2. Criteria for selection are based upon the individual gifts and talents of those high school-age individuals who are presently attending tenth or eleventh grade in a Tennessee public or private secondary school, or are home schooled at that level, and who meet the prerequisites for the Governor's School.
3. Students applying to the arts will be chosen on the basis of the specific criteria and the audition results.

B. EXPECTATION OF STUDENTS: The students most likely to profit from this unique living/learning experience will be expected to:

1. **Complete proper application materials then return the materials to the Guidance Counselor**, who will mail the completed application packet to the respective Governor's School office(s), to be **post marked** no later than **November 25, 2009**. The **School for the Arts** application deadline is **November 6, 2009** and **Computational Physics' is December 15, 2009**. Guidance Counselors may set earlier deadlines.
2. Display a high degree of motivation to participate in the program for the entire five weeks.
3. Possess the ability to cope with a curriculum that stresses creative conceptual thinking. Prospective students also must be willing to expend considerable time and effort in the content area selected.

C. GOVERNOR'S SCHOOLS SELECTION PROCESS: The selection for the academic areas will be made at the individual school level. Committees, appointed by the directors in consultation with the state Department of Education, will review each student's application materials (personal data sheets, recommendations, responses to school-specific questions, and transcript) looking for the most exceptional students in Tennessee. The review/selection committees will select the students who will attend each school. The review committees will also select a number of alternates for each school. Students will receive a letter from each school to which they applied notifying them of acceptance, rejection or selection as an alternate. Selections for the School of the Arts are made as a result of an audition or portfolio review.

In the selection of students and faculty, the Tennessee Governor's Schools do not discriminate on the basis of race, color, national origin, sex, religion, or disability. Recognizing the advantages to the student body and to the citizens of Tennessee of a diversified student body, the selection committee shall consider race and sex, along with all other criteria, and shall continually review the admissions policies to yield a student body that tends to reflect the racial, gender, and geographical composition of the state's school-age children. The Governor's Schools are committed to affirmative action.

IV. FREQUENTLY ASKED QUESTIONS

Who is eligible?

The brightest and most talented tenth and eleventh graders currently enrolled in Tennessee's public and private high schools (students who will be juniors and seniors in the **2010-2011** academic year).

To be eligible, students should rank in the top of their high school class in performance/capability or should be highly talented in the arts. Each student applying must also submit confidential recommendations from his/her guidance counselor and two teachers – references (one teacher reference for School for the Arts) that identify the applicant as talented, highly motivated, mature, and a high achiever. Letters of recommendation from counselors are optional for 2010 though the Confidential Guidance Counselor's Recommendation Form is required. If you do not recommend a student, then please do not nominate a student by submitting an application. Governor's School is a special summer program for the gifted and talented – for the best students in Tennessee.

What does it cost?

Students who are accepted will receive a full scholarship for program expenses. (**NOTE:** For the **School for the Arts**, there is a minimal fee to each student to cover the costs of performances, venues, costumes, and other supplies necessary for the performing and visual arts.) The only thing students will have to pay for is their transportation to and from the campus and personal items. Everything else – dorms, tuition, meals, special trips, lectures, and labs – will be provided. The program is funded by the Department of Education through funds appropriated by the General Assembly of the State of Tennessee. **If transportation or the School for the Arts fee is a financial problem**, students should contact the director of the school to which they are applying.

When is the deadline for applications?

Applications must be **post marked** no later than **November 25, 2009**. The **School for the Arts** application deadline is **November 6, 2009** and **Computational Physics' is December 15, 2009**. **NOTE:** Guidance counselors may set an earlier deadline for materials to be returned to them so they have time to complete and mail by our deadline. Guidance Counselors should send all application materials directly to the school(s) to which the students are applying. Students applying to multiple schools must rank the schools in order of preference on the top right corner of the Certification of Application Form. Applications received directly from students will not be considered.

May a completed application be submitted prior to the November 25, 2009 deadline?

Yes. We encourage completed applications to be submitted as soon as possible. This helps the university staff, which is usually one or two people, to start the process without waiting for hundreds of applications to arrive on the deadline date.

What about the U.S. Postal Service in terms of the deadline?

It sometimes takes a week for mail to arrive from one part of the state to the other. Make allowance for this when mailing applications. To acquire confirmation of receipt, you may purchase the necessary service through the U.S. Postal Service. You are also welcome to contact the individual Governor's School to confirm that the application was received on time.

Must individual Governor's School directors accept applications that are incomplete, late, or do not meet the prerequisites?

No. The directors are under no obligation to accept those applications that are incomplete, late, or do not meet the prerequisites. If an applicant does not meet the Governor's Schools GPA requirement and/or other prerequisites, then the application will go into an ineligible file, and the Governor's School will not send any correspondence regarding the ineligible application. Each Governor's School director knows there are emergencies and unforeseen circumstances. If a problem should occur, the SCHOOL PRINCIPAL should attach a letter explaining the situation and justify why the application should be considered.

How will the students be selected?

The selection for the academic areas will be made at the individual school level. Committees, appointed by the directors in consultation with the state Department of Education, will review each student's application material, transcripts, personal data sheets, and recommendations – looking for the most exceptional students in Tennessee. The review/selection committees will select the students who will attend each school. They will also select a number of alternates for each school. Students will receive a letter from each school to which they applied notifying them if they have been accepted, rejected or selected as an alternate. Selection for the School for the Arts will be made as a result of an audition and/or portfolio review.

Can students apply for more than one school?

Yes, but you must rank the schools (1 = most preferred, 2, 3, etc.) in your order of preference. However, since the dates of the programs overlap, students accepted to more than one school will have to decide which program they would like to attend. **NOTE:** The School for the Arts does not encourage nor discourage students from auditioning in more than one art area. However, if a student chooses to do so, **separate applications** should be filled out for each area.

If a student accepts an invitation to one Governor's School, will he/she have a chance to accept an invitation to another one later if vacancies occur?

No. Students need to make sure they are going to attend before they accept.

What do students do if invited to more than one Governor's School?

Each school to which students have been invited needs to be notified one way or the other whether or not the student plans to accept. Since there are only a small number of total spaces available, the invitations that are not accepted will then be offered to applicants on alternate lists. Your cooperation here is greatly needed and is greatly appreciated.

If a student attended one of the Governor's Schools last summer, may he/she apply to attend this summer?

No. No person who previously attended a Tennessee Governor's School will be accepted. Also, no-shows and/or drop-outs from previous year (without prior approval) will not be allowed to reapply.

How does a student get specific information about individual Governor's Schools?

Each Governor's School has a website with school-specific information. Also, you may call or e-mail the individual school; Guidance Counselors have contact information for each school and a list of directors. For general information, you may contact the state director AFTER you have read the most frequently asked questions on pages F-H.

What about activities outside of class?

There will be lots of them – concerts, plays, movies, and special events scheduled for after hours and the weekends. Students will also be free to take part in any of the activities on campus – sports, swimming, running, etc. Bring tennis racquets and basketball shoes!

Who are the instructors?

Writers, language experts, historians, philosophers, artists, actors, conductors, expert musicians, scientists, distinguished professors, and career level teachers – the best in their fields.

Do students earn any special credits?

All Governors' School students will be given the opportunity to earn three to eight University credit hours. Also, all students who complete the program will be awarded a certificate of merit signed by the Governor.

Is transportation provided to/from church?

Students may obtain this information from the directors of the individual schools.

Does an up-to-date transcript need to be included?

Yes. Since the deadline for the return of the applications may be before the semester grades are distributed, schools should provide the most recent grades available.

If the school requires two specific types of teacher recommendations and a student has had only one, what should he/she do?

Students with this situation may obtain this information from the directors of the individual schools.

Can students with disabilities apply?

Yes, if they meet the criteria.

Must a student stay for the Governor's School program?

Yes. The program is intensive and highly individualized. Classes and special activities will be planned for the entire four or five weeks, INCLUDING WEEKENDS. Absences from scheduled activities will not be permitted except in the case of emergencies or religious activities, with permission from the Director. Students **will not** be excused to attend other camps or seminars, to take family vacations, attend weddings, have senior pictures taken, etc. Come prepared to stay, study, and have fun!

How many students will be selected?

Several hundred students will be selected for the twelve programs for **2010**.

When will students be notified of selections?

Notifications will be mailed to all students on **February 15, 2010**. Students will receive separate notification letters from each of the schools to which they applied. If an applicant does not meet the Governor's Schools GPA requirement and/or other prerequisites, then the application will go into an ineligible file, and the Governor's School will not send any correspondence regarding the ineligible application.

Once a student is notified of being selected as an alternate, when should the student expect the Governor's School to contact alternates?

On **Monday, March 8, 2010**, the Governor's Schools will begin contacting alternates for any available openings. Alternates must accept or decline the invitation by **Friday, March 12, 2010** in order for the Governor's School to proceed with contacting other alternates if necessary. There is a possibility that alternates will be contacted until the program(s) begin.

Why is an e-mail address important to the application process?

An e-mail address is important so Governor's Schools may communicate quickly with applicants.

Since Governor's Schools dates conflict with other activities, such as Girls State, Boys State, etc., what should a student do?

It is unfortunate that dates conflict; however, students must make a choice.

Will students' home schools be notified?

Yes. By the second or third week in April, lists of all students accepted up until that point will be mailed to public and private school Guidance Counselors. By the end of September, lists of students who attended will be mailed upon request to the state director.

Are there opportunities for visitation by interested teachers and/or counselors?

Yes, but we don't encourage drop-ins. Call the Governor's School ahead of time to make arrangements.

If test scores are not available for sophomores, what should be used?

Indicate type of test taken and anticipated date of receipt. Include any available standardized test scores on the Test Data Form.

Are students permitted to bring communication devices, such as cellular phones and beepers?

Cell phones may be brought to Governor's School but are not permitted in classes or other programs. **Laser pointers are strictly forbidden.**

Other than grades, test scores, etc., what will raters look at in this application?

The recommendations from teachers are very important. For instance, if two applications are otherwise given the same rating, what the teachers have said may result in a higher score. Extracurricular and service activities are also important.

Is the application confidential?

Consistent with applicable law, no personally identifiable information will be released to non-authorized individuals.

V. ADDITIONAL INFORMATION FOR THE APPLICANT

The complete application packet should include the materials listed on page E, "Submitting the complete application." Applications received directly by students will not be considered. Please carefully review **all** of the information in this entire packet. This program requires an intense intellectual and personal commitment from each participant. Students unable or unwilling to participate in such a program should not allow themselves to be nominated. **ALL MATERIALS SUBMITTED BECOME THE PROPERTY OF THE GOVERNOR'S SCHOOLS. GOVERNOR'S SCHOOLS ARE SPONSORED BY THE TENNESSEE DEPARTMENT OF EDUCATION.**

VI. SCHOOL-SPECIFIC PREREQUISITES AND QUESTIONS

**THE SCHOOL FOR THE AGRICULTURAL SCIENCES
THE UNIVERSITY OF TENNESSEE AT MARTIN
May 23 – June 18, 2010**

The goals of this school are to provide educational programs in agriculture and natural resources for gifted and talented high school youth. Programs are designed to challenge participants to use their talent and intellect in studying and researching the scientific nature of the various disciplines of agriculture and the natural resources while promoting an atmosphere of multicultural diversity, dialogue, learning, and respect.

The objectives of the curriculum include:

- To provide an academically talented group of students in Tennessee with opportunities to expand their knowledge of food, agriculture, and the sustainable use of renewable natural resources as well as their understanding of the technologies involved in manners not normally found in the traditional high school environment.
- To provide participants with an opportunity to become exposed to scientific concepts, land stewardship concepts, facilities, and professional scientists from multiple universities and states.
- To realize that the agricultural sciences provide a wide array of interesting and rewarding career opportunities that require training in leadership, communication, problem solving, interpersonal skills, and research methodology and application.

Formal courses, supervised individual and group projects, and experimental and experiential learning techniques will be part of the program. Faculty will include university teachers and researchers, outstanding high school

teachers, and prominent industry and agency personnel offering selected courses, seminars, and specialized projects. Field trips to leading academic and industry research and production facilities will be included.

Prerequisites: Students applying for the Tennessee Governor's School for the Agricultural Sciences must possess an interest in agriculture and/or natural resources and understand their importance to the culture and economy of Tennessee. Rising juniors AND seniors may apply (currently sophomores and juniors in high school). ACT and other standardized test scores are recommended in order to provide evidence of the student's likeliness to succeed at the university level. These students invited to attend will receive instructions on completing the UT Martin application process after accepting invitations. University admission requirements include an official high school transcript (with a school seal and school official signature, received by TGSAS in a sealed envelope), parental and high school permission to attend and a minimal cumulative 3.0 GPA on a 4.0 scale. Student Health will require all students living in University housing to complete a Certification of Immunization form.

Questions Requiring a Separate Sheet of Paper: **(1) Explain** in a paragraph of not more than 200 words why you wish to participate in the Governor's School for the Agricultural Sciences and how your background or experience qualifies you for the school. **(2)** Describe in a statement of 400-500 words what you consider the most important issue(s) facing agriculture and natural resources at this time. **(3)** Provide a resume of not more than two pages of your achievements, work experience, community service, leadership and citizenship activities. **(4)** Please list any activities (i.e. camps, retreats, trips, etc.) that required you to be away from your home and family for more than three days.

**THE SCHOOL FOR COMPUTATIONAL PHYSICS
AUSTIN PEAY STATE UNIVERSITY
May 30 – July 2, 2010**

At the Governor's School for Computational Physics, you will earn seven hours of college level credit in two courses developed to provide you with a rigorous introduction to the computational methods used by scientists and engineers. The courses will cover selected topics in calculus and vector analysis, numerical differentiation and integration, and computational solutions to differential equations. You will participate in group projects where you will develop physical models and experimentally test them.

During the five weeks, you will learn more about career options in science and engineering through discussions with scientists and research engineers at NASA's Marshall Space Flight Center, the National Center for Computational Engineering, and Oak Ridge National Laboratories during our weekend field trips.

Prerequisites: Rising juniors and seniors (currently sophomores and juniors in high school) may apply. Students applying for the School for Computational Physics must have completed a course in pre-calculus with at least a grade of a B and have an overall GPA of 3.2 or higher. Completion of a year of either chemistry or physics is desirable but not necessary.

Questions Requiring a Separate Sheet of Paper: (1) In 150-250 words, explain why you wish to participate in the Governor's School for Computational Physics. (2) In 150-250 words discuss the area of science, engineering, or mathematics (e.g. aerospace, mechanical, electrical, chemical engineering, physicals, chemistry, biology, nanotechnology, artificial intelligence, biophysics, optics/lasers, etc.) that interests you the most. Also discuss what you plan to do in the future to pursue that interest. (3) List projects, significant experiences and awards related to mathematics, science and/or engineering that you have participated in or received since seventh grade.

**THE SCHOOL FOR EMERGING TECHNOLOGIES
TENNESSEE TECHNOLOGICAL UNIVERSITY
May 30 – July 3, 2010**

The Governor's School for Emerging Technologies is designed to stimulate interest in science, technology, engineering and mathematics through study of current topics in biotechnology, nanotechnology, information technology, and other emerging technologies. The school capitalizes on partnerships with a unique array of high technology research and development organizations located across the State of Tennessee to provide students with the opportunity to learn from leading researchers and experience cutting-edge research facilities through weekly field trips. Previous partners have included Oak Ridge Associates Universities, Oak Ridge National Laboratory, the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE) at Vanderbilt University, "the Tennessee Valley Authority," Arnold Engineering and Development Center and the University of Tennessee Space Institute. On the Tennessee Tech campus, students will engage in traditional classes, discussions, laboratory activities, team projects and individual projects. Students may earn a total of six credits in introduction to engineering, computer programming and emerging technology.

Prerequisites: Applicants must have a 3.2 GPA or higher, must have successfully completed one year of a high school level laboratory science and must have completed Algebra I and either Algebra II or Geometry. Accepted applicants must be eligible for admission to the University.

Questions Requiring a Separate Sheet of Paper: (1) Select one of the following major fields: biotechnology, nanotechnology or information technology. In an essay of 300 words or less, describe how your chosen field of emerging technology will impact life on earth over the next twenty years. (2) In a paragraph of 200 words or less, describe why you want to attend the School for Emerging Technologies and what you hope to gain by attending. (3) Provide a resume of not more than two pages describing your achievements, honors, work experience, leadership experience and community service. Items that demonstrate strong interest in science, technology, engineering and mathematics are important. Do not list items prior to the seventh grade.

**THE SCHOOL FOR ENGINEERING
THE UNIVERSITY OF TENNESSEE AT KNOXVILLE
June 6 – July 10, 2010**

The University of Tennessee 2009 Governor's School for Engineering will present applications of engineering methods to living systems physiology including the mathematical modeling of living system processes. Emphasis will be given to building the vocabulary and communications skills needed for effective work in this interdisciplinary subject area. This Governor's School will provide background directly applicable to the future study of biomedical engineering or the health sciences including medicine, dentistry, veterinary medicine and other allied health professions.

The curriculum will include two regularly-offered courses chosen to provide an introduction to the general principles and techniques of engineering and to the specific field of biomedical engineering. The specialized concepts and skills needed for future success in the health professions will also be emphasized.

Prerequisites: Rising juniors and seniors may apply for admission to the Governor's School for Engineering. Students should have a strong preparation in mathematics and sciences. Prior completion of a course in biology is desirable. Students must have a GPA of 3.5 or higher for consideration of acceptance to the program and must be admitted to the University as undergraduate students if chosen to participate in the program.

Questions Requiring a Separate Sheet of Paper: (1) In a paragraph of 100-150 words, explain why you wish to participate in the Governor's School for Engineering and how your background qualifies you for this program. (2) In a paragraph of 100-150 words, describe which area of engineering (e.g.: mechanical, chemical, biomedical, etc.) interests you the most, how you became interested in engineering, and what you plan to do in the future to pursue that interest. (3) (a.) List the awards and other special recognitions you have received for science, mathematics, and other areas related to engineering since the seventh grade. (b.) List projects and other significant experiences related to sciences, mathematics and other areas related to engineering that you have had since the seventh grade. (c.) If your school has block scheduling, what science, mathematics, or other courses related to engineering will you be taking during the spring semester?

**THE SCHOOL FOR THE HUMANITIES
THE UNIVERSITY OF TENNESSEE AT MARTIN
June 6 – July 3, 2010**

Building on the program's rich tradition as Tennessee's first Governor's School, the 2010 Governor's School for the Humanities (GSH) will offer students the opportunity to earn six semester credit hours from The University of Tennessee at Martin. While the exact schedule of courses has not been finalized, past offerings have traditionally focused on visual art, English, history, music, philosophy, religion, political science, psychology, and communications. The academic program, which will feature a lineup of award-winning university professors, will be augmented by a variety of co-curricular activities in areas such as journalism, broadcasting, ethics, and law. The faculty and staff look forward to once again providing an unmatched intellectual experience on one of Tennessee's most beautiful and supportive campuses. As with any humanities program in which university credit is offered, students should expect rigorous reading and writing loads.

Prerequisites: Applicants should have excellent records in English classes and be able to demonstrate advanced experience in creative writing and literary analysis. Rising juniors AND seniors may apply (current high school sophomores and juniors), but strong preference will be given to rising seniors. Submissions of ACT and other standardized test scores are recommended in order to provide evidence of the student's likelihood of succeeding at the university level. Those students invited to attend will receive instructions on completing the UT Martin application process after accepting GSH invitations. University admission requirements include an official high

school transcript (with a school seal and school official signature, received by GSH in a sealed envelope); parental and high school permissions to attend; and a minimum cumulative 3.0 GPA on a 4.0 scale. In addition, since all GSH students live in University housing, Student Health will require each scholar to complete a Certification of Immunization form.

Questions Requiring a Separate Sheet of Paper: **(1)** Two writing samples (typed) of not more than 300 words each. These samples should demonstrate creative abilities in two different genres—genres include short stories, poems, plays, expository writing or other form of written expression; **(2)** A typed description, in no more than 200 words, of an experience that stimulated the applicant’s intellectual interest in applying for this school. This might include a classroom discussion, relationship encounter, family situation, unanswered value challenge or moral dilemma; and **(3)** A one-page, typed resume of activities, achievements, work experience, and volunteer or community service work. **PLEASE NOTE: The screening committee will only review applications that meet these requirements. Students who are accepted typically present superior standardized test scores, outstanding academic records, strong reference letters, clear writing talent and an extensive record of school and community service.**

**THE SCHOOL FOR INFORMATIONAL TECHNOLOGY LEADERSHIP
TENNESSEE TECHNOLOGICAL UNIVERSITY – COOKEVILLE
May 30 – July 3, 2010**

Students who attend the Governor’s School for Informational Technology Leadership will enhance their knowledge of information technology and business leadership by working in groups to develop a business plan for an information technology-based business. Students need to bring an excitement of learning and a desire to work with others in the area of information technology and business leadership.

Students will:

- Earn six hours of college credit.
- Learn more about the latest in information technology.
- Develop an interest in business leadership.
- Stay on a college campus at Tennessee Technological University.
- Learn from college professors and business leaders.
- Build a business plan for an information technology-based business.
- Enjoy exploring a variety of electives on information technology and business leadership.
- Have fun with evening and weekend activities.
- Meet other high school students with similar interests from across the state of Tennessee.

Prerequisites: Rising juniors AND seniors may apply (currently sophomores and juniors in high school). Applicants must have a 3.2 GPA or higher on a 4.0 scale.

Questions Requiring a Separate Sheet of Paper: **(1)** In a paragraph of 100-150 words, describe why you wish to participate in the Governor’s School for Information Technology Leadership and what you hope to gain from the experience. **(2)** In a paragraph of 100-150 words, describe what you feel is the single most important way in which information technology has helped businesses to operate more effectively. Give concrete examples. **(3)** Describe in a paragraph of 100-150 words your interest and experience in information technology and business leadership. **(4)** Provide a resume of your activities, achievements, honors, work experience, and community service.

**THE SCHOOL FOR INTERNATIONAL STUDIES
THE UNIVERSITY OF MEMPHIS
June 6 – July 3, 2010**

The Governor’s School for International Studies will give students the opportunity to see far beyond the boundaries of the state and explore the economic, historical, and cultural relationships throughout the globe. Students will discuss world issues with political and business leaders. Students will develop their own conclusions and solutions to problems faced by countries throughout the world. Through courses, projects, discussions, and activities, participants will discover the political, economic, and cultural factors that drive the global system. Moreover, participants will critically assess the issues that dominate the global agenda, including war, environmental threats, health crises, and the global economy.

GSIS is structured around a mix of formal courses, supervised individual and group projects, and experimental learning exercises. The formal coursework component will allow each student to complete six hours of University-level work in the social sciences, with courses available in anthropology, economics, geography, and political

science. However, GSIS is far more than just coursework; it is a true immersion into the study of the world around us.

Prerequisites: Rising juniors AND seniors may apply (currently sophomores and juniors in high school). Applicants will need to submit information in addition to the regular Governor's School application. Students must have a 3.2 GPA.

- A copy of the most current transcript must be included with the Governor's School application.
- If the student is invited to attend Governor's School for International Studies, an application for admission to the University of Memphis will be included with the invitation letter. This application MUST be completed and returned with the Letter of Intent, and an official copy of the high school transcript MUST be sent to the University Admissions Office. No application fee is required.

Questions Requiring a Separate Sheet of Paper: **(1)** In not more than 200 words, answer the following: *In your view, what is the most critical international issue today? Comment on this and discuss how or whether you see yourself involved in addressing this issue now or in the near future.* **(2)** Describe in not more than 200 words why you wish to participate in the Governor's School for International Studies and what you hope to gain from the experience. Include background, interests, and experiences that qualify you for the Governor's School for International Studies, especially information about your participation in any international studies activities such as, but not limited to, Model UN and Mock Trial. Include any awards or special recognition you may have received in these activities or in related academic areas.

THE SCHOOL FOR PROSPECTIVE TEACHERS
THE UNIVERSITY OF TENNESSEE AT CHATTANOOGA
May 31 – July 2, 2010

The primary mission of the Governor's School for Prospective Teachers is to encourage Tennessee's brightest students to consider teaching as their profession. The program includes an overview of the myths and realities of the education profession, an examination of effective teaching strategies, resource availability, computer and other technological applications, observations and critiques of teaching performances, analysis of exemplary teaching and an introspective view of learning and teaching styles.

The program and extra-curricular activities are based on input from university faculty, K-12 teachers, and administrators. The overall focus of the school is to broaden students' perceptions about the exciting challenges and possibilities associated with the teaching profession. Major components of the curriculum will provide students with opportunities to achieve a realistic understanding of teaching; to understand themselves better as learners and future teachers; to critically evaluate effective teaching strategies; and to plan, teach and critique short lessons. The program will make extensive use of excellent teachers and schools and will provide students with numerous opportunities to attend and enjoy many of Chattanooga's social and cultural events. The small size of this program is designed to foster group identity and close relationships between students and staff.

Prerequisites: In addition to the standard application, students must submit an autobiographical sketch in résumé form which includes experiences they have had working with children or peers, any leadership responsibilities they have had, and other data such as honors received, travel, hobbies, and/or unique interests or abilities. Students should also submit a short essay, not to exceed 350 words, which they indicated why they are interested in the teaching profession and why they feel they have the potential to become an effective teacher. Students must have a minimum cumulative GPA of 3.0 on a 4.0 scale.

Questions Requiring a Separate Sheet of Paper: **(1)** Attach a typewritten resume outlining personal information to include experiences with children and peers, honors received, travel, hobbies, and unique interests and abilities. **(2)** Describe, in a handwritten statement of 350 words or less, why you are interested in teaching and why you feel you have the potential to be an effective teacher. **(3)** Identify the area of teaching which holds the most interest for you such as elementary education, secondary education (i.e., middle and high school) with an emphasis in mathematics, special education, etc. If you have not made a firm decision about an area, you should still list a preference but indicate that you could possibly change. The fact that you may not have completely committed to an area will not influence the selection process.

THE SCHOOL FOR THE SCIENCES
THE UNIVERSITY OF TENNESSEE AT KNOXVILLE
June 6 – July 10, 2010

This school provides the opportunity for advanced study, laboratory experience, and research that form the basis for modern science. You will participate in a variety of individualized and team projects that highlight many of the

most exciting areas of scientific and mathematical research. You will interact with leading scientists from across the country in seminar discussions that emphasize both research and ethical concerns facing today's scientists and physicians.

Individualized and small group instruction is available in biology, chemistry, mathematics, and physics. You will choose an elective course that will involve afternoon lecture and laboratory sessions in science or mathematics. The morning course taken by all students focuses on the study of logic, but this course also includes computing and writing. Evening activities include lectures by experts on current trends in scientific research and discussions of the philosophy of science and of values and ethics. The student is challenged to perform experiments, to make experimental determinations and communicate these by effective writing and to consider the unique features of science as a professional discipline.

Prerequisites: Students applying for the School for the Sciences must have completed at least one year of high school level laboratory science and one year of Algebra. Applicants must have a 3.5 GPA or higher.

Questions Requiring a Separate Sheet of Paper: **(1)** In a paragraph of 100-150 words, describe the **SINGLE** most important aspect of your personality or your educational background that you think qualifies you for participation in the Governor's School for the Sciences. **(2)** In a paragraph of 100-150 words, describe your most interesting experience with science or mathematics. **(3)** What field of science, e.g., biology, chemistry, physics, mathematics, etc., interests you the most? In a paragraph of 100-150 words, describe how you became interested in that field and what you plan to do in the future to pursue that interest. **(4) a.** List the awards and other special recognition that you have received for science, mathematics, and related fields since the seventh grade. **b.** List the projects and other significant experiences in science, mathematics, and related fields that you have had since the seventh grade. Include important class projects, out-of-class work, such as science fair projects and science-related competitions, summer science enrichment experiences, other research projects, and work experiences. **c.** If your school has block scheduling, what science and mathematics courses will you take during the spring semester?

**THE SCHOOL FOR THE SCIENTIFIC EXPLORATION OF TENNESSEE HERITAGE
EAST TENNESSEE STATE UNIVERSITY
May 30 – July 2, 2010**

The School for the Scientific Exploration of Tennessee Heritage is a five-week program which explores the heritage and history of Tennessee through science. Students will:

- Earn a letter grade and seven semester credit hours at ETSU in two courses, History of Tennessee and Historical Geology.
- Participate in exciting hands-on field experiences, which extend the course content: historic preservation in Jonesborough, Tennessee's oldest town; environmental history and stewardship in the East Tennessee Mountains; and paleontology at the Gray Fossil Site.
- Visit related historical, cultural, and natural sites, such as Exchange Place in Kingsport, Roan Mountain State Park; historic Rocky Mount; Carter Fold in Hiltons, Virginia; and a North Carolina gem mine.
- Have fun with related arts and crafts activities, such as jewelry making and flatfoot dancing.
- Get a head start on their college careers.
- Make friends for a lifetime.

For an overview of the program and a photo tour of 2009 activities, please visit our website at <http://www.etsu.edu/cass/governors/default.asp>.

Prerequisites: Applicants must have a 3.0 GPA or higher and should have strong preparation and interest in history and science. Some of the fieldwork is physically challenging; if students have any questions or concerns about their abilities, they should contact us at (423)439-7865. If possible, we will arrange accommodations or alternative activities. Students should have strong time-management and study skills, as well as keyboarding and word processing skills.

Questions Requiring a Separate Sheet of Paper: Attach one essay of not more than 300 words that addresses the following: **(1) Why** you wish to participate in the Governor's School for the Scientific Exploration of Tennessee Heritage and what you hope to gain from the experience. **(2)** Your involvement in projects or activities that relate to Tennessee heritage and/or science. **(3)** A description of some related scientific or historical aspect of your community and an explanation of its importance (examples might include unique natural or geological features, historical sites, state parks, or other heritage and history centers or activities). The essay should reflect all elements of good writing, including organization, paragraph structure, and supporting details.

**THE SCHOOL FOR SCIENTIFIC MODELS AND DATA ANALYSIS
EAST TENNESSEE STATE UNIVERSITY
May 30– July 2, 2010**

The School for Scientific Models and Data Analysis is a five-week program that will broaden students' appreciation and knowledge through exposure to a wide range of contemporary scientific topics and to scientists who are active researchers in these areas. In each case, model building and data analysis will play a critical role. Career exploration and choice are woven through the program, as are cognate activities. Students will additionally be introduced to the scientific method via hands-of research experiences. Thus, the Governor's School for Scientific Models and Data Analysis at ETSU will provide a series of courses, laboratories, projects, field trips, seminars, lectures and other activities centered on mathematics, statistics and science.

Courses: Students will take Math 1530, Probability and Statistics (3 credits) and Biology 1110/1111, Science and the Modern World (3 credits). The activities at the School will cover the approved syllabi for these courses, while extending the scholars' intellect in directions not possible during a regular school year. In the morning biology class, students will study topics in several fields of science, notably physics and biology. The ubiquity of mathematical modeling, data analysis and the need for high-level computation will become evident in the afternoon, when the math class will be based entirely on data and examples derived from the morning class.

Prerequisites: Applicants should have earned grades of B or better in all high school mathematics classes taken and they should have had Algebra II. Applicants should have had two semesters of high school science with grades of B or better in each course.

Questions Requiring a Separate Sheet of Paper: (1) Attach a detailed, typed resume customized so as to be appropriate for this school. (2) Write a 300 word essay on how so much of today's science is interdisciplinary and data driven.

THE GOVERNOR'S SCHOOLS OF TENNESSEE

Please return completed application materials to the appropriate Governor's School.

**The Governor's School for the Agricultural Sciences
The University of Tennessee at Martin**

256 Brehm Hall
Martin, TN 38238
731-881-7260 or 800-829-8861 ext.7260
Fax: 731-881-7968 tgsas@utm.edu
<http://www.utm.edu/departments/caas/tgsas/>

**The Governor's School for the Arts
Middle Tennessee State University**

Box 38
Murfreesboro, TN 37132
615-898-2223 Fax: 615-898-2326
<http://www.gsfta.org>

**The Governor's School for Computational Physics
Austin Peay State University**

Department of Physics and Astronomy
P.O. Box 4608
Clarksville, TN 37044
931-221-6116
Fax: 931-221-6129
http://www.apsu.edu/governors_school

**The Governor's School for Emerging Technologies
Tennessee Technological University**

Box 5073
Cookeville, TN 38505
931-372-3306
FAX: 931-372-3499
<http://www.tntech.edu/et>

**The Governor's School for Engineering
The University of Tennessee at Knoxville**

Department of Chemistry, 1420 Circle Dr.
Knoxville, TN 37996-1600
865-974-0756 Fax: 865-974-4010
<http://govschool.utk.edu>

**The Governor's School for the Humanities
The University of Tennessee at Martin**

223 Clement Hall
Martin, TN 38238
731-881-7579 or 800-829-8861 ext. 7579
Fax: 731-881-3579
govschol@utm.edu
<http://www.utm.edu/departments/govschool/>

**The Governor's School for I.T. Leadership
Tennessee Technological University**

Box 5205
Cookeville, TN 38505-0001
931-372-3176 Fax: 931-372-6249
govschool@tntech.edu
<http://www.tntech.edu/govschool>

**The Governor's School for International Studies
University of Memphis**

College for Arts and Sciences
107 Scates Hall
Memphis, TN 38152
901-678-3516 or 901-678-3732
Fax: 901-678-4206
<http://cas.memphis.edu/govschool/>

**The Governor's School for Prospective Teachers
The University of Tennessee at Chattanooga**

C.H.E.P.S. - Department 4154
615 McCallie Avenue
Chattanooga, TN 37403
423-425-4702 Fax: 423-425-5380
<http://www.utc.edu/.pta>

**The Governor's School for the Sciences
The University of Tennessee at Knoxville**

Department of Chemistry, 1420 Circle Dr.
Knoxville, TN 37996-1600
865-974-0756 Fax: 865-974-4010
<http://govschool.utk.edu>

**The Governor's School for the Scientific Exploration
of Tennessee Heritage**

East Tennessee State University
Box 70556
Center for Appalachian Studies and Services
Johnson City, TN 37614-0556
423-439-7865 Fax: 423-439-7870
<http://www.etsu.edu/cass/governors/default.asp>

**The Governor's School for Scientific Models
and Data Analysis**

East Tennessee State University
Box 70301
Center of Excellence in Mathematics and
Science Education
Johnson City, TN 37614-0556
423-439-7589
FAX: 423-439-8362
<http://www.etsu.edu/cas/math/mathexcellence/default.aspx>

FOR ADDITIONAL APPLICATIONS: (1) you may make your own copies; (2) you may download application(s) at the state website <http://www.tennessee.gov/education/govschool>; or (3) you may go to any of the Governor's Schools' websites to download application(s). If you have problems downloading the application, please go to your on-campus technology expert for assistance. PLEASE NOTE THAT THE GOVERNOR'S SCHOOLS APPLICATION IS FORMATTED IN ADOBE PDF, SO YOU WILL NEED THE FREE ADOBE READER INSTALLED ON YOUR COMPUTER TO VIEW THE DOCUMENT. TO DOWNLOAD ACROBAT READER FOR WINDOWS, GO TO <http://www.adobe.com/products/acrobat/readstep2.html>. IF YOU HAVE A MAC, GO TO THE SAME LINK AND JUST CLICK ON "CHOOSE A DIFFERENT VERSION" TO PROCEED.

VIII. APPLICATION FORMS

The application forms to be completed begin on page 1, the following page. There are 8 pages of application forms including two Confidential Teacher Reference Forms. The Guidance Counselor should keep one copy of the entire application (including question responses) on file, and the applicant may keep a copy of the application except for the confidential forms. **DEADLINE:** Completed application materials must be **received** no later than **November 25, 2009**. **PLEASE NOTE THAT ANY STUDENT APPLYING TO MULTIPLE SCHOOLS MUST RANK THE SCHOOLS IN ORDER OF PREFERENCE, 1 = MOST PREFERRED, ETC., ON THE TOP RIGHT CORNER OF THE PERSONAL DATA FORM.**

**ALL MATERIALS SUBMITTED BECOME THE PROPERTY OF THE GOVERNOR'S SCHOOLS
SPONSORED BY THE TENNESSEE DEPARTMENT OF EDUCATION.**

<p>THE GOVERNOR’S SCHOOLS OF TENNESSEE</p> <p>CERTIFICATION OF APPLICATION</p> <p>PLEASE NOTE THAT ANY STUDENT APPLYING TO MULTIPLE SCHOOLS <u>MUST</u> RANK THE SCHOOLS IN ORDER OF PREFERENCE, 1 = MOST PREFERRED, ETC., ON THE TOP RIGHT CORNER OF THIS FORM ONLY</p>	INDICATE PREFERENCE	
		Agricultural Sciences
		Computational Physics
		Emerging Technologies
		Engineering
		Humanities
		IT Leadership
		International Studies
		Prospective Teachers
		Sciences
		Scientific Exploration of TN Heritage
		Scientific Models and Data Analysis

I have not previously attended a Tennessee Governor’s School, and I affirm, agree and/or understand that all statements on this form are true and accurate; any misrepresentation or omission of material facts may result in my being disqualified or my being terminated should I already be enrolled in a Tennessee Governor’s School.

By making this application, I and my parent/guardian agree to the release of any necessary school records to the Governor’s Schools and the respective university for the purpose of determining my eligibility. I/we understand and agree that such school records will be kept confidential and used only for determining admissibility to the Governor’s Schools and the respective university. **STUDENTS WHO DO NOT AGREE TO THE RELEASE OF SUCH SCHOOL RECORDS FOR DETERMINING ADMISSIBILITY WILL NOT BE CONSIDERED FOR THE GOVERNOR’S SCHOOLS.**

I certify that to the best of my knowledge all of the information provided in this application is correct. I acknowledge that information about me may be used for publicity purposes if I am selected to attend a Governor’s School.

Applicant’s Printed Name

Applicant’s Signature

Date

I have carefully reviewed the information on this application and give my permission for my son/daughter to proceed with application procedures. I acknowledge that the Governor’s Schools will offer university course credit and grades which will require university enrollment. I authorize the school and its employees to release any information necessary for this application.

Parent’s or Guardian’s Printed Name

Date

Parent’s or Guardian’s Signature

Date

I nominate the applicant listed above for the Tennessee Governor’s School and certify that the applicant meets the criteria set by the Tennessee Governor’s Schools and the prerequisites of the Governor’s School to which application is made. I recommend this student for the Governor’s School(s) to which application is made, for admission to the hosting university during Summer Session (2010) and for enrollment in three to eight credit hours (one to two university classes) with the intent to earn university credit and grades.

Principal’s or Guidance Counselor’s Printed Name

Date

Principal’s or Guidance Counselor’s Signature

Date

THE GOVERNOR'S SCHOOLS OF TENNESSEE
PERSONAL DATA FORM

APPLICANT INFORMATION:

Name: _____
Last First Middle Preferred

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: () _____ Home County: _____

Applicant Cell Phone: () _____ Applicant E-Mail: _____

Date of Birth: _____ – _____ – _____ Age: _____ Social Security #: _____ – _____ – _____
Month Day Year

Current Grade: 10th 11th Gender: Male Female Hometown Newspaper: _____

PARENT OR GUARDIAN INFORMATION:

Parent or Guardian Name: _____

Relationship to Applicant: _____

Mailing Address (if different from applicant): _____

City: _____ State: _____ Zip Code: _____

Work Phone: () _____ Cell Phone: () _____

E-mail Address: _____

SCHOOL INFORMATION:

School Name: _____

School Mailing Address: _____

City: _____ State: _____ Zip Code: _____

School Phone: () _____ School County: _____

Counselor Name: _____

Counselor Phone: () _____ Counselor E-Mail: _____

List all physical disabilities (e.g., visual, auditory, respiratory). Circle those which might in any way limit your capacity. This will not affect your selection. This information is needed to enable us to provide appropriate facilities/services.

Please check the one which best describes your racial/ethnic background?

- | | | |
|---|---|---|
| <input type="checkbox"/> African-American/Black | <input type="checkbox"/> Caucasian/American/White | <input type="checkbox"/> Puerto Rican, Cuban, other Hispanic origin |
| <input type="checkbox"/> American Indian, Alaskan Native | <input type="checkbox"/> Mexican-American/Chicano | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Asian-American, Pacific Islander | <input type="checkbox"/> Multiracial | <input type="checkbox"/> Prefer not to respond |

THE GOVERNOR'S SCHOOLS OF TENNESSEE

TEST DATA FORM

While information pertaining to some of the following items may not be available for all students, please include all available information. Record requested scores on this sheet only if they do not appear on the official transcript. Use the latest scores available. If your school does not rank, write "do not rank" or "none."

Student's Name _____ Student is currently: Sophomore Junior

Class Size _____ Class Rank _____ GPA _____ Cumulative GPA _____ Please select scale: 4.0 5.0

Does this student meet the GPA and other prerequisites set forth by the school in the application packet? Yes No If you selected no, do not submit an application for this student.

I. ACHIEVEMENT TESTS

TCAP Writing Assessment Score _____ Grade Administered _____

OTHER ACHIEVEMENT TESTS

Full Name of Test _____ Grade Administered _____

Percentile Rank (Verbal) _____ Stanine Score (Verbal) _____

Percentile Rank (Math) _____ Stanine Score (Math) _____

II. APTITUDE TESTS

TEST YEAR TAKEN SCORE PERCENTILE

PLAN COMPOSITE _____

ACT COMPOSITE _____

PSAT Critical Reading _____

PSAT Math _____

PSAT Writing _____

SAT Verbal _____

SAT Math _____

SAT Writing _____

SAT II - specify test(s) _____

III. INTELLIGENCE TESTS OR TESTS OF COGNITIVE ABILITY

Full Name of Test _____ Grade Administered _____

Total Score _____ Percentile Rank _____

Verbal Score _____ Percentile Rank _____

Quantitative Score _____ Percentile Rank _____

IV. ANY OTHER RELEVANT TEST SCORES _____

I certify that to the best of my knowledge the above results are accurately reported.

Principal's or Guidance Counselor's Printed Name _____

Position/Title _____

Principal's or Guidance Counselor's Signature _____

Date _____

THE GOVERNOR'S SCHOOLS OF TENNESSEE
CONFIDENTIAL TEACHER'S REFERENCE FORM

Applicant's Name _____
Last First Middle

Name of School _____

INSTRUCTIONS TO THE TEACHER: The above referenced student is applying to attend one of the Tennessee Governor's Schools, an intensive five-week residency program for mature, gifted, and talented students. This applicant has designated you as one of his or her teachers of reference. Please complete this confidential reference form and **return it to the applicant's school Guidance Counselor. Please do not return to the student. This form is for the confidential use by Governor's School officials and will not be released.**

This reference form is a critically important part of the student's application and will have a significant role in the selection process. Therefore, it is extremely important that you provide us with a candid, frank, and complete assessment of this student's maturity, attitude, work commitment, and artistic ability. This form will not become a part of the student's regular school records; it will be used solely by officials of the Governor's School to aid them in the selection process. The contents of this form will not be disclosed to the applicant or his/her parents/guardians. The Governor's School officials greatly appreciate your help in this selection process.

1. How long have you known and worked with this applicant? _____

2. In what situations have you served as this applicant's teacher? _____

3. Please evaluate this applicant in the areas below comparing him or her with similar outstanding students you have had in the past:

Attitude Toward Work

- Outstanding
- Above Average
- Average
- Can be indifferent
- Lacks commitment

Initiative

- Self-directed/motivated
- Usually independent
- Completes work assigned
- Needs some prodding
- Very hesitant

Maturity

- Extremely mature
- Above average
- Average teenager
- Somewhat mature
- Very immature

Ability to Work

- Learns very quickly
- Learns readily
- Average
- Must work hard to learn
- Does not learn easily

Quality of Work

- Excellent
- Very good
- Average
- Below average
- Very Poor

Quantity of Work

- Unusually high output
- Above average
- Average output
- Not a great producer
- Low output, slow

Dependability/Consistency

- Always dependable
- Above average
- Average
- Occasionally unreliable
- Usually unreliable

Relations with Others

- Exceptionally good
- Generally very good
- Average
- Occasional conflicts
- Many conflicts

Judgment

- Exceptionally good
- Above average
- Average for a teenager
- Occasional poor judgments
- Frequent poor judgments

4. How would you describe the applicant's attendance? Regular Irregular

5. How would you describe the applicant's punctuality? High Average Low

CONFIDENTIAL TEACHER REFERENCE FORM – CONTINUED

6. What is your best judgment about this applicant’s emotional maturity and stability to deal with a five-week intensive residency program in which he/she will meet new people, face new situations, and encounter new challenges?

- Will adapt readily to the changes and challenges and will be a successful participant
- Should be able to adapt to the changes and challenges with a minimum of adjustment
- Should succeed but will have some difficulty dealing with the stress
- This applicant may have some difficulty dealing with the stress and may not be successful
- This applicant will have great difficulty dealing with new situations and challenges.

7. This applicant’s outstanding personal qualities are: _____

8. The personal qualities this applicant should strive most to improve are: _____

9. Please indicate your overall judgment about this applicant:

- Very highly recommended. An outstanding student who will do well in the School.
- Highly recommended. A very good student who will be successful in the School.
- Recommend. A good student who will participate effectively in the School.
- Recommend with reservations. A good student but he/she may present some problems.
- I do not recommend this student.

10. SUMMARY COMMENTS. We must select a relatively small number of students from a large pool of exceptional applicants. Can you tell us something about this student that is not reflected in any of the above ratings that will help us make a decision? What makes this applicant truly exceptional? Summary comments are extremely important to the selection committees, and reference letters are acceptable. If you need more space, you may attach another sheet.

Your Signature and Subject Area

Date

Your Printed Name

() _____ ext. _____
Telephone Number & Extension

Your School (Please also supply address if different than applicant’s current school address.)

Please return this form by _____ to the applicant’s Guidance Counselor, _____, who must mail the complete application packet to the Governor’s School to be *post marked* no later than Wednesday, November 25, 2009. Guidance Counselors may set an earlier deadline. Thank you for your help.

THE GOVERNOR'S SCHOOLS OF TENNESSEE
CONFIDENTIAL TEACHER'S REFERENCE FORM

Applicant's Name _____
Last First Middle

Name of School _____

INSTRUCTIONS TO THE TEACHER: The above referenced student is applying to attend one of the Tennessee Governor's Schools, an intensive five-week residency program for mature, gifted, and talented students. This applicant has designated you as one of his or her teachers of reference. Please complete this confidential reference form and **return it to the applicant's school Guidance Counselor. Please do not return to the student. This form is for the confidential use by Governor's School officials and will not be released.**

This reference form is a critically important part of the student's application and will have a significant role in the selection process. Therefore, it is extremely important that you provide us with a candid, frank, and complete assessment of this student's maturity, attitude, work commitment, and artistic ability. This form will not become a part of the student's regular school records; it will be used solely by officials of the Governor's School to aid them in the selection process. The contents of this form will not be disclosed to the applicant or his/her parents/guardians. The Governor's School officials greatly appreciate your help in this selection process.

1. How long have you known and worked with this applicant? _____

2. In what situations have you served as this applicant's teacher? _____

3. Please evaluate this applicant in the areas below comparing him or her with similar outstanding students you have had in the past:

Attitude Toward Work

- Outstanding
- Above Average
- Average
- Can be indifferent
- Lacks commitment

Initiative

- Self-directed/motivated
- Usually independent
- Completes work assigned
- Needs some prodding
- Very hesitant

Maturity

- Extremely mature
- Above average
- Average teenager
- Somewhat mature
- Very immature

Ability to Work

- Learns very quickly
- Learns readily
- Average
- Must work hard to learn
- Does not learn easily

Quality of Work

- Excellent
- Very good
- Average
- Below average
- Very Poor

Quantity of Work

- Unusually high output
- Above average
- Average output
- Not a great producer
- Low output, slow

Dependability/Consistency

- Always dependable
- Above average
- Average
- Occasionally unreliable
- Usually unreliable

Relations with Others

- Exceptionally good
- Generally very good
- Average
- Occasional conflicts
- Many conflicts

Judgment

- Exceptionally good
- Above average
- Average for a teenager
- Occasional poor judgments
- Frequent poor judgments

4. How would you describe the applicant's attendance? Regular Irregular

5. How would you describe the applicant's punctuality? High Average Low

6. What is your best judgment about this applicant's emotional maturity and stability to deal with a five-week intensive residency program in which he/she will meet new people, face new situations, and encounter new challenges?
- Will adapt readily to the changes and challenges and will be a successful participant
 - Should be able to adapt to the changes and challenges with a minimum of adjustment
 - Should succeed but will have some difficulty dealing with the stress
 - This applicant may have some difficulty dealing with the stress and may not be successful
 - This applicant will have great difficulty dealing with new situations and challenges.

7. This applicant's outstanding personal qualities are: _____

8. The personal qualities this applicant should strive most to improve are: _____

9. Please indicate your overall judgment about this applicant:
- Very highly recommended. An outstanding student who will do well in the School.
 - Highly recommended. A very good student who will be successful in the School.
 - Recommend. A good student who will participate effectively in the School.
 - Recommend with reservations. A good student but he/she may present some problems.
 - I do not recommend this student.

10. SUMMARY COMMENTS. We must select a relatively small number of students from a large pool of exceptional applicants. Can you tell us something about this student that is not reflected in any of the above ratings that will help us make a decision? What makes this applicant truly exceptional? Summary comments are extremely important to the selection committees, and reference letters are acceptable. If you need more space, you may attach another sheet.

Your Signature and Subject Area

Date

Your Printed Name

() _____ ext. _____
Telephone Number & Extension

Your School (Please also supply address if different than applicant's current school address.)

Please return this form by _____ to the applicant's Guidance Counselor, _____, who must mail the complete application packet to the Governor's School to be *received* no later than Wednesday, November 25, 2009 and Computational Physics' is December 15, 2009. Guidance Counselors may set an earlier deadline. Thank you for your help.