

# 2010 THINK Summer Institute Application Overview

## **Eligibility**

**In order to be eligible, applicant must:**

- be 13 – 16 years of age during THINK.
- be a U.S. citizen or permanent U.S. resident living in the United States.
- commit to being a full-time residential student from July 10 to July 31, which does not allow absences.
- meet or exceed the designated scores on the SAT or ACT as listed on page 3.
- receive positive nominations from two individuals as specified in the application. (Please note, returning THINKers do not need to submit nominator forms.)
- never have demonstrated or threatened violence, harm, or other behavior that is grossly inappropriate toward any other person or to himself or herself or that otherwise indicates violent tendencies or other disturbing behaviors.

## **Application Procedure and Checklist**

**The following items must be completed and returned to the Davidson Institute:**

Davidson Institute for Talent Development  
 ATTN: THINK Summer Institute  
 9665 Gateway Drive, Suite B  
 Reno, NV 89521  
 Fax: (775)996-7285

- Section One: Personal Data (p. 2)
- Section Two: Test Score and copy of Official Score Report (p. 3)
- Section Three: Course Selections (p. 3)
  - If you selected STATISTICS 152, a copy of your transcript or equivalent must be included.
- Section Four: Résumé and Essay (p. 4)
- Section Five: Nominator List and Forms (p. 4 & 5)
  - Applicants must submit a list of two nominators (returning THINKers do not need to submit nominator forms). Forms must be submitted by the nominator directly to the Davidson Institute for Talent Development via fax or US Postal Service. It is the applicant's responsibility to see that all Nomination Forms are submitted on or before the application deadlines.
- Section Six: Signature Page and \$50.00 non-refundable application fee (p. 6)

## **Application Disqualification**

**An application will be disqualified if:**

- the application contains plagiarized or false information.
- the nominator forms are not received.
- the application is not complete by March 31.

## **Application & Tuition Policy**

<b>APPLICATION DEADLINE</b> <i>application fee: \$50</i>	<b>ACCEPTANCE DATE</b>	<b>PAYMENT 1</b> <i>½ tuition: \$1350</i>	<b>PAYMENT 2</b> <i>½ tuition: \$1350 + textbooks*</i>
January 13 <sup>th</sup>	January 27 <sup>th</sup>	February 10 <sup>th</sup>	April 28 <sup>th</sup>
February 24 <sup>th</sup>	March 10 <sup>th</sup>	March 24 <sup>th</sup>	April 28 <sup>th</sup>
March 31 <sup>st</sup>	April 14 <sup>th</sup>	April 28 <sup>th</sup>	April 28 <sup>th</sup>

*\*Textbooks are provided at a discounted rate through the University by the THINK Summer Institute and are given to student upon arrival.*

Please note space is limited to 60 students, so we recommend applying in January. Tuition covers course credits, room, board, and the cost of the planned program activities. All fees are non-refundable. Additionally, participants are responsible for transportation to and from program and spending money. If you would like to receive information regarding our need based scholarships, please indicate "yes" on the bottom of page 2.

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NEED ADDITIONAL INFORMATION? VISIT [www.DavidsonGifted.org/THINK](http://www.DavidsonGifted.org/THINK)

All applications must be received by 5 p.m. Pacific Time on or before the chosen deadline (see Application and Tuition Policy on page 1). Acceptance is based on eligibility and availability. Applications are considered on a first-come, first-served basis. Applications may be faxed or sent via US Postal Service. All applications and attachments become property of the Davidson Institute for Talent Development and will not be returned to the applicant. Please keep a copy of application for your personal records. The Davidson Institute for Talent Development does not discriminate based on race, gender, religion, ethnicity or physical disability.

## Section One: Personal Data

### Applicant

Please type or print clearly, especially e-mail addresses.

(Circle One: Miss Ms. Mr. ) First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Gender:  Female  Male Are you a United States Citizen?  Yes  No

Have you previously attended THINK? \_\_\_\_\_ If not, how did you hear about THINK? \_\_\_\_\_

Date of Birth \_\_\_\_\_ Age \_\_\_\_\_ Home Phone ( ) \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

### Parent(s)/Guardian(s)

1. (Circle One: Ms. Mrs. Mr. Dr.) First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Relation to Applicant \_\_\_\_\_ Occupation \_\_\_\_\_

Work Phone ( ) \_\_\_\_\_ Cell Phone ( ) \_\_\_\_\_

E-mail Address \_\_\_\_\_

2. (Circle One: Ms. Mrs. Mr. Dr.) First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Relation to Applicant \_\_\_\_\_ Occupation \_\_\_\_\_

Work Phone ( ) \_\_\_\_\_ Cell Phone ( ) \_\_\_\_\_

E-mail Address \_\_\_\_\_

### Please provide home address and phone if different than the applicant's:

Parent or Guardian's Name \_\_\_\_\_ Home Phone ( ) \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

### School Information

Name of School \_\_\_\_\_

Current Grade Level \_\_\_\_\_ Have you ever been grade accelerated?  Yes  No

School Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone ( ) \_\_\_\_\_

### Scholarship Information

If your child is accepted, would you like to receive information regarding our need based scholarships?  Yes  No

## 2010 THINK Summer Institute Application

### Section Two: Test Scores & Official Score Report

Applicants must meet or exceed the designated scores on the SAT or ACT as listed below. Please provide scores in the appropriate box.

<b>SAT – Math and Verbal Combined Score</b> <b style="color: red;">minimum 1130</b> (Excludes writing section of the new SAT)	<b>ACT – Composite Score</b> <b style="color: red;">minimum 26</b>
A copy of an official score report <u>must</u> be attached to this application at the time of submission.	A copy of an official score report <u>must</u> be attached to this application at the time of submission.

### Section Three: Course Selections

The THINK Summer Institute is limited to sixty students; therefore, course placement is determined by student preference, essays and anticipated class size. Once accepted, students will not have the option to change courses.

Please circle your first, second, and third morning and afternoon preferences:

Morning course options	Preference
<b>HUMAN DEVELOPMENT &amp; FAMILY STUDIES 400 SPECIAL PROBLEMS: MIND, BRAIN, &amp; LEARNING (3 credits)</b> <b>Description:</b> This course will explore brain development and functioning as well as linkages between research on the brain and learning. It will examine possible implications of these links for teaching and education. <b>Professor:</b> Melissa Burnham, Associate Professor	1    2    3
<b>COMMUNITY HEALTH SCIENCES 200: INTRODUCTION TO PUBLIC HEALTH BIOLOGY (3 credits)</b> <b>Description:</b> Overview of human disease, implication of disease management, and current disease processes. This course will include use of a wide range of medical terminology and concepts that will serve as an important working basis for those who are interested in any medical-related field of study. We will explore what diseases are and why they affect our biology, with particular attention paid to disease prevention and the importance of kinesiology and exercise physiology to human health. Prior experience in biology not necessary but preferable. <b>Professor:</b> John Whitehill, Instructor	<b>FULL</b>
<b>COMPUTER SCIENCE 105: INTRODUCTION TO COMPUTING (3 credits)</b> <b>Description:</b> Introduction to essential concepts and practices in computing. Design, assemble, and operate basic computer hardware and software in a collaborative environment. <b>Professor:</b> Michael Leverington, Instructor	1    2    3

Afternoon course options	Preference
<b>STATISTICS 152: INTRODUCTION TO STATISTICS (3 credits)</b> <b>Description:</b> Descriptive statistics; probability models; statistical estimation and hypothesis testing; linear regression analysis; and special topics will be covered in this course. <b>Prerequisite:</b> Satisfactory score on SAT (610 on Math section), ACT (27 on Math section) <u>or</u> must have completed Algebra II or equivalent. Must submit copy of school transcript if you choose to meet the prerequisite by completion of Algebra II or equivalent. <b>Professor:</b> Darren Ripley, Instructor	1    2    3
<b>PHILOSOPHY 101: INTRODUCTION TO PHILOSOPHY (3 credits)</b> <b>Description:</b> Basic problems in different areas of philosophy such as ethics, political theory, metaphysics and epistemology. This course will focus heavily on the epistemological and metaphysical views as represented in the following philosophers: Plato, Descartes, Hume, and Kant. Problems such as the nature and status of knowledge, skepticism, the existence of God, the ontological and epistemological status of causation, and the nature of the mind will be discussed. <b>Professor:</b> Shane Zappettini, Instructor	1    2    3
<b>MATERIALS SCIENCE &amp; ENGINEERING 175: NANO AND MICRO TECHNOLOGY: ON THE FRONTIERS OF SCIENCE (3 credits)</b> <b>Description:</b> An introduction to the principles behind high-technology devices. Includes electronics, robotics, materials, and biological devices and why we strive to make them smaller. <b>Professor:</b> Ben Rogers, Instructor	1    2    3

# 2010 THINK Summer Institute Application

## Section Four: Résumé and Essay

The following résumé and essay are required. They must be typed, in English, on 8 ½ x 11 white paper in an 11 or 12 point standard font. Each page should be labeled in the upper right hand corner with last name and first name. Written work should be neat, grammatically correct and demonstrate strong thought development and critical thinking. All work is to be completed by the applicant.

### Résumé

Using a résumé format, list your schooling history and extracurricular activities, special study projects and/or activities in which you have been involved in the past two years. The activities may be school, community or personal pursuits. Please identify your role in each activity. Additionally, please list any/all academic awards and/or special recognition you have received in the past two years, including a brief description of the nature and source of each award. This document may be single-spaced.

### Essay

In a narrative format, no longer than two double-spaced pages, introduce yourself to the selection committee. Please devote no less than half of your essay to a discussion about your interest in the courses you have selected for the 2010 THINK Summer Institute. Describe any/all experience you have with the subject matter of the courses offered. Be sure to describe what you hope to gain from the experience and what value you would add. You may also include a discussion of your background, interests (academic and non-academic) and any other aspects of your life that will aid the selection committee in determining whether or not you would be a good candidate for the program.

## Section Five: Nominator List and Forms

**\*\*\*\*Please note returning THINKers do not need to submit nominator forms.\*\*\*\***

Applicants must submit a list of two nominators. All nomination letters and forms (see page 5 of application) must be submitted by the nominator directly to the Davidson Institute for Talent Development. Nominators should be individuals who can speak to your abilities and aptitude for an intense residential college experience. One form must be from a current teacher in math, science or English. The second teacher nomination form may be from a current or past teacher in any subject. Family members may not serve as nominators. Applicants should mark the nominator type on the nomination form prior to giving it to the nominator.

### 1. Current Teacher in Math, Science or English

Name	School	Phone	E-mail

### 2. Current or Past Teacher

Name	School	Phone	E-mail

DO NOT STAPLE

Last Name \_\_\_\_\_

First Name \_\_\_\_\_

# 2010 THINK Summer Institute Nomination Form

Nominators Please Note: If the type of nominator is not marked when you receive this form from the applicant, please verify your nominator type with the applicant before checking any of the boxes below. Thank you.

**This nominator is a:**  Current Teacher in Math, Science or English  Past or Current Teacher

Applicant's First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Please complete this form along with the typed answers to the bulleted questions below. Please fax or mail these documents directly to the Davidson Institute. **Please contact applicant for application deadline.** Applications with missing Nomination Forms will be disqualified. All nominating information is held in strict confidence. Nominator forms for THINK cannot be transferred to other Davidson Institute program applications.

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Telephone ( ) \_\_\_\_\_ E-Mail \_\_\_\_\_

**For each item below, please assess the applicant by assigning one of the following values:**

Analytical Ability	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Confidence	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Disciplined Work Habits	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Initiative and Independence	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Interaction with Other Students	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Leadership	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Maturity	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Oral Expression	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Organization Skills	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Reaction to and use of Criticism	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Resourcefulness	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Responsibility	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Study Skills	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Time Management	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Willingness to Ask Questions	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate
Written Communication Skills	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Above Average	<input type="checkbox"/> Exceptional	<input type="checkbox"/> Unable to Rate

How does the applicant compare in overall promise to other students you have worked with in the last three years?

Among the very best I've known  Very good  Average  Below Average

Check one selection below to indicate your recommendation for the applicant to attend a rigorous 3-week college credit summer program:

Highly Recommend  Recommend  Recommend with Reservations  Not Recommend

**Please attach a letter on letterhead including the following information:**

- How do you know the applicant?
- What are the applicant's strengths and weaknesses?
- Discuss the applicant's organization and time management skills (i.e. ability to work efficiently, follow-through capabilities, etc.)
- Additional information that will help the selection committee understand this applicant.

I attest that to the best of my knowledge, all of the information stated on this form and attached letter is accurate and true.

Signature \_\_\_\_\_ Date \_\_\_\_\_

*This form and recommendation letter must be returned via fax or mailed directly to the Davidson Institute by the nominator.*



**FAX:**  
775.996.7285

**MAIL:**  
Davidson Institute for Talent Development  
ATTN: THINK Summer Institute  
9665 Gateway Drive, Suite B, Reno, NV 89521  
Phone: 775.852.3483 ext. 6

**2010 THINK Summer Institute Application**

**Section Six: Signature Page**

Name and Likeness. We understand that the selection process will be conducted on a basis that reveals information about the undersigned and our background and family. We also understand that the Davidson Institute may, without compensation to us or anyone else, publicize the THINK Summer Institute, our child's participation in the program, information about us and our background. In that regard, we grant the Davidson Institute the right to use, for any lawful purpose related to the Davidson Institute or the THINK Summer Institute, in any legal form or manner, in whole or in part, in perpetuity, our names, biographical information and likenesses, the work and any information relating to it, as well as any statements made by us to the Davidson Institute. Such uses may be made in the Davidson Institute's discretion in any media or form. The Davidson Institute may take pictures, videos and audio recordings and may use any other form of media with respect to us and the matters described above.

Attestation. The undersigned each attest that all of the information submitted or to be submitted to the Davidson Institute, including the information in this application, is true and accurate and does not omit any information necessary to make the information provided not misleading.

Attendance. The applicant understands that if accepted to attend the THINK Summer Institute, full attendance to all classes and events is required. Failure to attend class or scheduled events, without just cause, will result in immediate removal from the program.

Behavior. The applicant agrees to adhere to a strict code of conduct that will be provided as part of the enrollment documents. Failure to adhere to the standards specified in the code of conduct will result in immediate removal from the program.

\_\_\_\_\_  
Initials I/We attest that my/our child/adolescent has never demonstrated or threatened violence, harm, or other behavior that is grossly inappropriate toward any other person or to himself or herself or that otherwise indicates violent tendencies or other disturbing behaviors. I understand the Davidson Institute reserves the right to request, at any time, information regarding a history of violence, threats of violence or other behavior that is grossly inappropriate and may in its sole discretion decide to remove my child/adolescent from the program.

I \_\_\_\_\_ HAVE \_\_\_\_\_ HAVE NOT consulted a psychologist or psychiatrist with regard to any form of inappropriate behavior or other psychological problems with respect to my child/adolescent. If you indicated "have," a complete copy of any and all psychological reports, signed by the psychologist or psychiatrist, must be submitted as attachments to this application.

**Applicant's Statement and Signature**

I certify that all information I have provided in this application is my own. I further certify that all provided information is accurate and true. I understand that it is my responsibility to see that this form is received by the Davidson Institute by the chosen application deadline indicated on the Application and Tuition Policy found on page 1. I also understand that it is my responsibility to see that my nominators submit the required nomination forms to the Davidson Institute by the deadline.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Parent/Guardian's Statement and Signature**

I have reviewed the information in this application and the designated attachments and give my permission for the submission of this application. I authorize my child's school and its employees to release any information necessary for this application and understand that The Davidson Institute for Talent Development may request more information as needed. Furthermore, I recognize that it is the applicant's responsibility to ensure that the complete application and nomination forms are received by the Davidson Institute on or before the deadline indicated on the Application and Tuition Policy found on page 1.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent/Guardian - Custodial:  Yes  No (If no, signature is not required)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent/Guardian - Custodial:  Yes  No (If no, signature is not required)

The Davidson Institute strongly recommends that you keep a copy of this application for your records as the original will not be returned.

Please submit your application to the fax below or via US Postal Service. The \$50.00 non-refundable application fee must be mailed to the below address.



**FAX:**  
775.996.7285  
**MAIL:**  
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