

# Honors Middle School Science Application

**5th graders:** Elementary you attend \_\_\_\_\_

Middle School you will attend \_\_\_\_\_

**6th/7th graders:** Middle School you attend \_\_\_\_\_

**DUE DATE: Thursday, April 13th at 5:00 pm at your  
middle school office.  
NO LATE ENTRIES WILL BE ACCEPTED!**

**School Use Only:**

**Rubric Score:**\_\_\_

**Blue**

**Name:** \_\_\_\_\_ **Current grade:** \_\_\_\_\_

## **Honors Science Course Description**

### **Course Description**

Honors Science provides students with highly interactive investigations, built around the science standards. This course includes collaborative learning, critical and analytical thinking, independent research, problem solving, creativity and effective experimental design. Students must be confident readers, writers and speakers. Students must also be self-motivated, independent learners who demonstrate curiosity by asking questions about how the world works.

### **Course Expectations**

Honors science will have a high standard for a student participant. Students will be expected to participate in:

- Intellectual dialogue
- Critical thinking, reading, and writing
- Collaborative and independent inquiry
- Teaching others

### **Part I: Personal Survey/Self-Evaluation**

Spend a moment and reflect on each statement. Do you see yourself: (check all that apply)

- \_\_\_\_ excited about science, technology, engineering, and problem-solving?  
 \_\_\_\_ excited about gaining new scientific knowledge?  
 \_\_\_\_ enjoying reading science articles?  
 \_\_\_\_ sharing what you are learning and thinking with others?

### **Part II: Poster/Artifact**

Please attach a sample of your work that demonstrates a higher depth of thinking about a science concept (no larger than a 9x12 inches). This product should show that you are an honors science candidate.

### **Part III: Application Essays (must be handwritten by student and should be no more than three paragraphs in length)**

Essay 1: Explain clearly with specific detail why you consider yourself as one of the most scientific minds in your school. How do you see science in the world around you or how do you think like a scientist in your daily life?

Essay 2: Think of a favorite topic that you studied in science in previous years OR about a science topic in which you have great interest. Why was it so fascinating to you and what did you learn? In a maximum of three paragraphs, explain the concept in detail and what you did to learn more about this topic.

### **Part IV: Academic Data**

Please circle your Spring 2016 ELA ISTEP score:      Pass+      Pass      DNP

Insert your 2016/2017 SRI Lexile scores:      Fall \_\_\_\_\_      Winter \_\_\_\_\_  
 (ISTEP and Lexile scores are available in HAC)

**Part V: Memorandum of Understanding**

Please read the following statements and sign below if you agree to adhere to the high expectations of this honors program.

**I understand that I will be a responsible learner. I also understand that due to scheduling conflicts (math, language arts and music), I may not be able to enroll in this class. If chosen, I will maintain good attendance, turn assignments in on time, produce quality work, share my work with others, and ask questions for clarification and understanding. I understand that if I am unable to meet these expectations, I may be removed from Honors Science.**

**Scoring Rubric \_\_\_\_\_/18**

Category	3	2	1
<b>Application (3 points)</b>	Completed	-----	Incomplete
<b>Poster/Artifact (3 points)</b>	<ul style="list-style-type: none"> <li>• Extension of Knowledge</li> <li>• Strong Vocabulary</li> </ul>	<ul style="list-style-type: none"> <li>• Some knowledge</li> <li>• Some vocabulary</li> </ul>	<ul style="list-style-type: none"> <li>• Little knowledge</li> <li>• Some vocabulary</li> </ul>
<b>Written Expression Essay 1</b>	<ul style="list-style-type: none"> <li>• Support with evidence to convey interest</li> <li>• Knowledge gained</li> </ul>	<ul style="list-style-type: none"> <li>• Some evidence</li> <li>• Some knowledge</li> </ul>	<ul style="list-style-type: none"> <li>• Little evidence</li> <li>• Little knowledge</li> </ul>
<b>Written Expression Essay 2</b>	<ul style="list-style-type: none"> <li>• Support with evidence to convey interest</li> <li>• Knowledge gained</li> </ul>	<ul style="list-style-type: none"> <li>• Some evidence</li> <li>• Some knowledge</li> </ul>	<ul style="list-style-type: none"> <li>• Little evidence</li> <li>• Little knowledge</li> </ul>
<b>ISTEP (3 points)</b>	Pass+	Pass	
Lexile Level (3 points)	Above Grade Level	At Grade Level	Below Grade Level
<b>6th Grade</b>	1001+	700 -1000	<700
<b>7th Grade</b>	1051+	800 - 1050	<800
<b>8th Grade</b>	1101+	850 - 1100	<850

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 Student Signature

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 Date

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 Parent/Guardian Signature

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 Date