

# Independent School District of Boise City

## Highly Gifted Curriculum Addendum ~ Science 5th/6th Grade

### Course Description

Using State and Boise School District Curriculum, students will explore concepts in three areas: earth science, physical science, and life science. As such, the course will concentrate on certain key themes and events central to the Scientific Method.

1	<b>Instructional Objective</b> Emphasize analysis, synthesis, and evaluation of scientific themes.	
No.	<b>Performance Objective</b>	<b>Resource References</b>
O1	Evaluate themes based upon real life experiences.	Physics:
O2	Understand facts and ideas in the context of a conceptual framework.	Real Science for Kids
O3	Organize knowledge in ways that facilitates retrieval and application.	
2	<b>Instructional Objective</b> Develop statistical analysis of data.	
No.	<b>Performance Objective</b>	Biology:
O1	Formulate multiple perspectives.	Real Science for Kids
O2	State assumptions behind a line of reasoning.	
O3	Provide evidence and data to support a claim, issue, or thesis statement.	
O4	Develop a higher level, content specific vocabulary.	Chemistry:
O5	Make inferences based on evidence.	Real Science for Kids
3	<b>Instructional Objective</b> Emphasize metacognition	
No.	<b>Performance Objective</b>	GEMS, AIMS
O1	Communicate scientific procedures and explanations.	Center for Gifted Education:
O2	Evaluate influence of outside factors/bias.	College of William and Mary
O3	Validate a source as to its authenticity and authority.	
4	<b>Instructional Objective</b> Explore scientific study through field experience	Investigating Earth Systems
	<b>Performance Objective</b>	Field Experience:
O1	Guest speakers (as applicable).	Foothills Learning
O2	Field trips (as applicable).	Micron
O3	Design and conduct scientific investigations.	Discovery Center