



Curriculum Map- Scope and Sequence: Science Projects (High School and Middle School)

Saddlebrook Preparatory School

Purpose of Planning	Unit One Science Project Focus 9/11	Unit Two Research 9/18	Unit Three Summarizing Research 9/25	Unit Four Develop Research Paper 10/2	Unit Five Evaluate Process 10/9
Unit Topic and Overview:	Plan the research process: define a topic; compose research questions; draft outline; identify potential types of information sources.	Use search strategies to find information: keywords; operators; queries; boolean logic; broadening and narrowing searches to create a research plan for science project.	Record relevant information from selected sources: evaluate information; record bibliographic information; quoting or paraphrasing information.	Share research with others: sequence and organize notes; synthesize information from various sources; draft and edit; research paper and citation styles; Bibliographies v. Works Cited.	Evaluate the research product: satisfy the requirements of the assignment; answer the research questions; logical presentation; self-assessment of the research process.
Prerequisite Student Knowledge *What should students have previously mastered prior to this unit?	Students should have background knowledge of the purpose of scientific and academic research, as well as the nature of the research process and outlining.	Students should have background knowledge of using a computer and navigating the Internet.	Students should have background knowledge of how to skim text to find relevant information and how to summarize and/or paraphrase text.	Students should have background knowledge of the parts of a written text and the tone associated with formal academic writing.	Students should have background knowledge of a grading rubric and be able to make an assessment with a critical eye.
Essential Knowledge & Student Expectations *What are the anticipated learning outcomes for students?	Students demonstrate knowledge by defining a research topic, composing research questions, drafting an outline of their research plan, and listing potential sources of information. Essential Question: 1. Define research topic for semester science project. 2. State a purpose related to chosen topic that is supported by research questions.	Students demonstrate knowledge by using appropriate search strategies to find information relevant to their research questions. Essential Question: 1. Create a research plan for semester science project. 2. Apply MLA formatting to correctly cite 5 Bibliography sources.	Students demonstrate knowledge by taking notes from authoritative sources of information, recording the bibliographic details from each source, paraphrasing the information or using direct quotes. Essential Question: 1. Categorize research sources correctly using MLA formatting and summarize important facts from sources on note cards.	Students demonstrate knowledge by categorizing their note cards to correlate with the appropriate section of their outline, then writing the paper with an introduction, a logical presentation of the results of their research, and a conclusion using MLA formatting. Essential Question: 1. Organize note cards to create paragraph sequencing for background research paper and using MLA formatting write draft 1.	Students demonstrate knowledge of scientific and academic writing by reviewing the research product according to the requirements of the assignment during peer editing process. Essential Question: 1. Use a rubric to evaluate the quality of research and scientific writing during the peer editing process.



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<p>Anchor Text and Supplemental Texts *Illustrate texts used, and how students' knowledge builds across units.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10</i> Textbook, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10</i> Textbook, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10</i> Textbook, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10</i> Textbook, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10</i> Textbook, Holt McDougal 2012 Grade-level textbook unit on research.</p>
	<p>Science: Nowicki, S. <u>Biology</u>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook R2 Sarquis, M. and Sarquis, J. <i>Modern Chemistry</i>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook xxii</p>	<p>Science: Nowicki, S. <u>Biology</u>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook R2 Sarquis, M. and Sarquis, J. <i>Modern Chemistry</i>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook xxii</p>	<p>Science: Nowicki, S. <u>Biology</u>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook R2 Sarquis, M. and Sarquis, J. <i>Modern Chemistry</i>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook xxii</p>	<p>Science: Nowicki, S. <u>Biology</u>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook R2 Sarquis, M. and Sarquis, J. <i>Modern Chemistry</i>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook xxii</p>	<p>Science: Nowicki, S. <u>Biology</u>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook R2 Sarquis, M. and Sarquis, J. <i>Modern Chemistry</i>. Orlando, Florida. Holt McDougal, 2012. Lab Handbook xxii</p>
	<p>Handouts <u>Science Buddies Teacher Guide Proposal Teacher Guide</u> Timeline/ Checklist of assignments and dates due <u>Final Project Rubric</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u> <u>Resource Page</u>: helps organize sources and facts <u>Background Research Bibliography</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u> <u>Peer Review Draft 1</u></p>
	<p>Teacher Rubrics <u>Questions Rubric</u></p>	<p>Teacher Rubrics <u>Research Plan Rubric</u> <u>Bibliography Rubric</u></p>			



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<p>Multi-Media Links: *Videos, presentations, any and all supplemental online material.</p>	<p>-Forms/Handbook -Project Examples: Google Science Fair and Google Project Springboard -Science Buddies Ideas -Project Guide/ Section Help -Everything Project help</p>	<p>-Forms/Handbook -Infotrac Database (wesl3874) -Research Plan Help -Why Ms. Hill doesn't like .com/.net</p>	<p>-Forms/Handbook -Infotrac Database (wesl3874) -Note card set up -Note card help</p>	<p>-Forms/Handbook -Infotrac Database (wesl3874) -Background Research Paper</p>	<p>-Forms/Handbook</p>
<p>Instructional Practices: * Various Instructional Modalities, including Technology used</p>	<p>In BOTH La/IL and Science: -Lecture using PowerPoint or Mimio. -Brainstorming Activity. -Writing the main research question and the sub-questions that would be required to answer it. -Class discussion of example topic and research questions. -Group discussion of student research questions.</p>	<p>In LA/IL: -Lecture using PowerPoint or Mimio. -Demonstration using keywords and operators to create queries for search engines. -Online tutorials. -Demonstrations using the library catalog, databases, and search engines.</p> <p>In Science: -Additional time to use library to check out books, databases, and search engines. -Check MLA formatting of Bibliography sources -Outline formatting for Research Plan</p>	<p>In LA/IL: -Lecture using PowerPoint or Mimio. -Demonstration of note taking method(s). -Demonstration of finding bibliographic data.</p> <p>In Science: - Demonstration of formatting note cards -Peer edits on MLA Bibliography - Additional time to research and summarize facts to compile note cards (required 100 min for HS and 50 min for MS)</p>	<p>In LA/IL: -Lecture using PowerPoint or Mimio. -Demonstration of outlining and sequencing facts to make paragraphs -Class examples of organizing facts from multiple sources to form themed body paragraphs</p> <p>In Science: -Demonstration of sequencing note cards from different sources into piles -Additional time to sequence all 100 note cards -Draft 1 paragraph writing time</p>	<p>In LA/IL: -Lecture using PowerPoint or Mimio. -Demonstration peer editing strategies. -Class examples peer editing. -Peer edit with a partner.</p> <p>In Science: -Demonstration of peer editing strategies. -Peer edit in groups.</p>



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<p>Assessments: *Types and Measurements of Mastery</p>	<p>Informal Assessments: Teacher questioning/class discussion.</p>	<p>Informal Assessments: -Practice searching with search engines and databases on laptop. -Practice narrowing and broadening searches on laptop. -Practice evaluating search results on laptop. -Complete form listing keywords and queries.</p> <p>Formal Assessments Due: 1. Completed form detailing topic 2. Purpose including research questions</p>	<p>Informal Assessments: -Practice formatting first Bibliography source on note card. -Practice summarizing facts for note cards.</p> <p>Formal Assessments Due: 1. Research Plan 2. 5 Bibliography Sources</p>	<p>Informal Assessments:</p> <p>Formal Assessments Due: 1. Minimum 100 note cards due (MS is min 50NC)</p>	<p>Informal Assessments:</p> <p>Formal Assessments Due: 1. Draft 1</p>
<p>Interdisciplinary Lessons & Projects: *State additional content areas and title all lesson(s) and project(s)</p>	<p>Will vary depending on student project picked. IL/LA and Science</p>	<p>Will vary depending on student project picked. IL/LA and Science</p>	<p>Will vary depending on student project picked. IL/LA and Science</p>	<p>Will vary depending on student project picked. IL/LA, writing, and Science</p>	<p>Will vary depending on student project picked. IL/LA, writing, and Science</p>
<p>Honors Course Differentiation(s):</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>



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<p>Integrated CCSS Writing Standards (List): *See Below for Links</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>
<p>Links to CCSS Curriculum Standards: *Science follows NGSSS</p>	<p>The following links will be used to incorporate the CCSS and other applicable standards:</p> <ul style="list-style-type: none"> • The Common Core State Standard expectations in grade 6-8 and 9-12. • The K-12 English LA and Content Area Writing Standards • The K-12 Reading Standards • The K-12 Mathematics Standards • The K-12 NGSSS Science & Social Studies Standards 				



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Purpose of Planning	Unit Six Editing/Peer Review 10/16	Unit Seven Experimentation 10/23-11/6	Unit Eight Graphing 11/13	Unit Nine Designing Boards 11/20	Unit Ten Projects Due!!! 12/4
Unit Topic and Overview:	Evaluate the research product: satisfy the requirements of the assignment; answer the research questions; logical presentation; self-assessment of the research process.	Plan the experimentation process: define a hypothesis; Identify variables within the experiment; methods outline; Write procedures for replicable experiments.	Analyze and explain the experimentation process using both visual and verbal summaries of results observed.	Regular: Complete the final edits to the written laboratory report. MS & HS Honors: Complete the final edits to the written laboratory report and additionally, create a science fair board to highlight the student-driven experiment.	Evaluate the experimentation product: satisfy the requirements of the assignment; answer the hypothesis; logical presentation; self-assessment of the experimentation process.
Prerequisite Student Knowledge *What should students have previously mastered prior to this unit?	Students should have background knowledge of a grading rubric and be able to make an assessment with a critical eye.	Students should have background knowledge of the scientific thinking (scientific method) and have participated in hands-on experiments.	Student should have background knowledge of the components that compose good scientific visuals.	Students should have background knowledge of the editing process as well as seen (or created) a science fair display board previously.	Students should have background knowledge of a grading rubric and be able to make an assessment with a critical eye.



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<p>Essential Knowledge & Student Expectations *What are the anticipated learning outcomes for students?</p>	<p>Students demonstrate knowledge of scientific and academic writing by reviewing the research product according to the requirements of the assignment during peer editing process.</p> <p>Essential Question: 1. Use a rubric to evaluate the quality of research and scientific writing during the peer editing process. 2. Use grammar and editing process to correct scientific writing during the peer editing process.</p>	<p>Students demonstrate knowledge of scientific thinking by successfully creating a testable hypothesis, identifying variables, writing reproducible procedures, and carrying out an authentic student-driven project.</p> <p>Essential Question: 1. Create a testable hypothesis that identifies the manipulated (independent) and responding (dependent) variables. 2. Outline methods and procedures to successfully complete trials (30+) in a student- driven experiment.</p>	<p>Students demonstrate knowledge of analyzing experimental results by successfully creating visuals (data tables and graphs) using the computer, and by verbally summarizing the results of their experiments.</p> <p>Essential Question: 1. Use data collected to generate computer data tables and graphs in Excel. 2. Verbally express the visuals, in a detailed results section, explaining the experimental findings.</p>	<p>Students will demonstrate knowledge of the editing process during the final project edits and successfully create a display board (when required) highlighting their experiment.</p> <p>Essential Question: 1. Create a visually appeal and detail-oriented display board to highlight student-driven experiment.</p>	<p>Students will demonstrate knowledge of scientific laboratory reports by reviewing the product according to the requirement during final editing process.</p> <p>Essential Question: 1. Use a rubric to evaluate the quality of the scientific laboratory report. 2. Complete a self reflection of the process and work ethic during the process.</p>
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<p>Anchor Text and Supplemental Texts *Illustrate texts used, and how students' knowledge builds across units.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10 Textbook</i>, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10 Textbook</i>, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10 Textbook</i>, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10 Textbook</i>, Holt McDougal 2012 Grade-level textbook unit on research.</p>	<p>Anchor Text: LA: Holt McDougal <i>Literature grade 7</i> & Holt McDougal <i>Literature Grade 8 Literature Grade 10 Textbook</i>, Holt McDougal 2012 Grade-level textbook unit on research.</p>	
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	<p>Handouts <u>Science Buddies Teacher Guide</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u></p>	<p>Handouts <u>Science Buddies Teacher Guide</u></p>
	<p><u>Peer Review Draft 1 Formatting Help For Paper</u></p>	<p><u>Variables Hypothesis Materials Experiment Experimental Procedure</u></p>	<p><u>Conclusions Data Analysis Summarizing Data Analysis Variance</u></p>	<p><u>Abstract Display Board Tips</u></p>	<p><u>Final report checklist Judging</u></p>	<p><u>Display Board Rubric Final Report Rubric</u></p>
	<p><u>Research Paper Rubric</u></p>	<p><u>Materials Rubric</u></p>	<p><u>Conclusions Rubric Data Analysis Rubric</u></p>			



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<p>Multi-Media Links: *Videos, presentations, any and all supplemental online material.</p>	<p>-Forms/Handbook</p>	<p>-Forms/Handbook</p>	<p>-Forms/Handbook -Video: Data tables/Graph help -Video: Chi Squared video 1 -Video: Chi Squared video 2 -Written direction for Chi Squared test</p>	<p>-Forms/Handbook -Abstract Help -Abstract link</p>	<p>-Forms/Handbook</p>
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**Curriculum Map- Scope and Sequence:
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<p>Instructional Practices: * Various Instructional Modalities, including Technology used</p>	<p>In LA/IL: -Lecture using PowerPoint or Mimio. -Demonstration peer editing strategies. -Class examples peer editing. -Peer edit with a partner.</p> <p>In Science: -Demonstration of peer editing strategies. -Peer edit in groups.</p>	<p>In LA/IL: -Time to edit, revise, add, and type into template</p> <p>In Science: -Review how to make the purpose into a hypothesis "If...then...because..." -Review variables, methods of data collection, and detailed procedure writing. -Complete science forms/get help with sections</p>	<p>In LA/IL: -Time to edit, revise, add, and type into template.</p> <p>In Science: -Lecture (with video) using Excel for data tables and graphs -Demonstrations with data to format different parts of Excel graphs -Work on making data tables and graphs in Excel, putting them into word documents. -Help with stats/significance of Chi Squared tests, etc.</p> <p>In Math: -Demonstrations with data to format different parts of Excel graphs -Work on making data tables and graphs in Excel, putting them into word documents. -Help with stats/significance of Chi Squared tests, etc.</p>	<p>In LA/IL: -Time to edit and revise abstracts -Time to work on typing sections larger/printing for science fair boards</p> <p>In Science: -Lecture on 'how to' write a scientific abstract</p> <p>In Math: -Editing/ Help with graphs -Time to work on printing larger graphs for science fair boards</p>	<p>In LA/IL: -Finishing touches, editing/formatting to submit</p> <p>In Science: -Turn in projects -Complete self-reflection and self-work grade reflection</p>
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<p>Assessments: *Types and Measurements of Mastery</p>	<p>Informal Assessments: Draft 1 peer edits as model examples</p> <p>Formal Assessments Due: 1. Draft 2</p>	<p>Informal Assessments: Formal Assessments Due: 10/3</p> <p>1. Final background research paper due 2. Forms, Hypothesis, Variables, Methods, and Procedures for experiment</p>	<p>Informal Assessments: Trials for experiment (30+)</p> <p>Formal Assessments Due: 1. Data Due</p>	<p>Informal Assessments: 200 word abstract</p> <p>Formal Assessments Due: 1. Graphs for every data table 2. Results and conclusion</p>	<p>Informal Assessments: Self reflection/ work reflection</p> <p>Formal Assessments Due: 1. E-mailed (HS projects) and typed (MS projects) due 2. HS honors and MS Boards due</p>
<p>Interdisciplinary Lessons & Projects: *State additional content areas and title all lesson(s) and project(s)</p>	<p>Will vary depending on student project picked. IL/LA, writing, and Science</p>	<p>Will vary depending on student project picked. IL/LA, writing, and Science</p>	<p>Will vary depending on student project picked. IL/LA, writing, Math ,and Science</p>	<p>Will vary depending on student project picked. IL/LA, writing, Math, and Science</p>	<p>Will vary depending on student project picked. IL/LA, writing, and Science</p>
<p>Honors Course Differentiation(s):</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>	<p>-HS Honors mandatory participation in school fair and regional science fair -MS all participate and top school fair compete at regional science fair</p>



Curriculum Map- Scope and Sequence: Science Projects (High School and Middle School)

Saddlebrook Preparatory School

<p>Integrated Common Core or NGSS Standards (List): *See Below for Links</p>	<p>High School: CCSS.ELA-Literacy.RST.9-10.1 CCSS.ELA-Literacy.RST.9-10.2 CCSS.ELA-Literacy.RST.9-10.3 CCSS.ELA-Literacy.RST.9-10.4 CCSS.ELA-Literacy.RST.9-10.5 CCSS.ELA-Literacy.RST.9-10.6 CCSS.ELA-Literacy.RST.9-10.7 CCSS.ELA-Literacy.RST.9-10.8 CCSS.ELA-Literacy.RST.9-10.9 CCSS.ELA-Literacy.RST.9-10.10 CCSS.ELA-Literacy.RH.11-12.1 CCSS.ELA-Literacy.RH.11-12.7 CCSS.ELA-Literacy.RH.11-12.9 SS.912.A.1.1 SS.912.A.1.3 SC.912.N.1.1-SC.912.N.1.7, SC.912.N.2.1-SC.912.N.2.5, SC.912.N.3.1-SC.912.N.3.5, SC.912.N.4.1-SC.912.N.4.2</p> <p>Middle School: CCSS.ELA-LITERACY.RST.6-8.1 CCSS.ELA-LITERACY.RST.6-8.2 CCSS.ELA-LITERACY.RST.6-8.3 CCSS.ELA-LITERACY.RST.6-8.4 CCSS.ELA-LITERACY.RST.6-8.5 CCSS.ELA-LITERACY.RST.6-8.6 CCSS.ELA-LITERACY.RST.6-8.7 CCSS.ELA-LITERACY.RST.6-8.8 CCSS.ELA-LITERACY.RST.6-8.9 CCSS.ELA-LITERACY.RST.6-8.10 SC.6.N.1-3, SC.7.N.1-3, SC.8.N.1-4</p>	<p>High School: CCSS.ELA-Literacy.RST.9-10.1 CCSS.ELA-Literacy.RST.9-10.2 CCSS.ELA-Literacy.RST.9-10.3 CCSS.ELA-Literacy.RST.9-10.4 CCSS.ELA-Literacy.RST.9-10.5 CCSS.ELA-Literacy.RST.9-10.6 CCSS.ELA-Literacy.RST.9-10.7 CCSS.ELA-Literacy.RST.9-10.8 CCSS.ELA-Literacy.RST.9-10.9 CCSS.ELA-Literacy.RST.9-10.10 CCSS.ELA-Literacy.RH.11-12.1 CCSS.ELA-Literacy.RH.11-12.7 CCSS.ELA-Literacy.RH.11-12.9 SS.912.A.1.1 SS.912.A.1.3 SC.912.N.1.1-SC.912.N.1.7, SC.912.N.2.1-SC.912.N.2.5, SC.912.N.3.1-SC.912.N.3.5, SC.912.N.4.1-SC.912.N.4.2 CCSS.MATH.CONTENT.HSS.IC A.1-2, CCSS.MATH.CONTENT.HSS.IC B.3-6</p> <p>Middle School: CCSS.ELA-LITERACY.RST.6-8.1 CCSS.ELA-LITERACY.RST.6-8.2 CCSS.ELA-LITERACY.RST.6-8.3 CCSS.ELA-LITERACY.RST.6-8.4 CCSS.ELA-LITERACY.RST.6-8.5 CCSS.ELA-LITERACY.RST.6-8.6 CCSS.ELA-LITERACY.RST.6-8.7 CCSS.ELA-LITERACY.RST.6-8.8 CCSS.ELA-LITERACY.RST.6-8.9 CCSS.ELA-LITERACY.RST.6-8.10 SC.6.N.1-3, SC.7.N.1-3, SC.8.N.1-4</p>	<p>High School: CCSS.ELA-Literacy.RST.9-10.1 CCSS.ELA-Literacy.RST.9-10.2 CCSS.ELA-Literacy.RST.9-10.3 CCSS.ELA-Literacy.RST.9-10.4 CCSS.ELA-Literacy.RST.9-10.5 CCSS.ELA-Literacy.RST.9-10.6 CCSS.ELA-Literacy.RST.9-10.7 CCSS.ELA-Literacy.RST.9-10.8 CCSS.ELA-Literacy.RST.9-10.9 CCSS.ELA-Literacy.RST.9-10.10 CCSS.ELA-Literacy.RH.11-12.1 CCSS.ELA-Literacy.RH.11-12.7 CCSS.ELA-Literacy.RH.11-12.9 SS.912.A.1.1 SS.912.A.1.3 SC.912.N.1.1-SC.912.N.1.7, SC.912.N.2.1-SC.912.N.2.5, SC.912.N.3.1-SC.912.N.3.5, SC.912.N.4.1-SC.912.N.4.2 CCSS.MATH.CONTENT.HSS.IC A.1-2, CCSS.MATH.CONTENT.HSS.IC B.3-6</p> <p>Middle School: CCSS.ELA-LITERACY.RST.6-8.1 CCSS.ELA-LITERACY.RST.6-8.2 CCSS.ELA-LITERACY.RST.6-8.3 CCSS.ELA-LITERACY.RST.6-8.4 CCSS.ELA-LITERACY.RST.6-8.5 CCSS.ELA-LITERACY.RST.6-8.6 CCSS.ELA-LITERACY.RST.6-8.7 CCSS.ELA-LITERACY.RST.6-8.8 CCSS.ELA-LITERACY.RST.6-8.9 CCSS.ELA-LITERACY.RST.6-8.10 SC.6.N.1-3, SC.7.N.1-3, SC.8.N.1-4</p>	<p>High School: CCSS.ELA-Literacy.RST.9-10.1 CCSS.ELA-Literacy.RST.9-10.2 CCSS.ELA-Literacy.RST.9-10.3 CCSS.ELA-Literacy.RST.9-10.4 CCSS.ELA-Literacy.RST.9-10.5 CCSS.ELA-Literacy.RST.9-10.6 CCSS.ELA-Literacy.RST.9-10.7 CCSS.ELA-Literacy.RST.9-10.8 CCSS.ELA-Literacy.RST.9-10.9 CCSS.ELA-Literacy.RST.9-10.10 CCSS.ELA-Literacy.RH.11-12.1 CCSS.ELA-Literacy.RH.11-12.7 CCSS.ELA-Literacy.RH.11-12.9 SS.912.A.1.1 SS.912.A.1.3 SC.912.N.1.1-SC.912.N.1.7, SC.912.N.2.1-SC.912.N.2.5, SC.912.N.3.1-SC.912.N.3.5, SC.912.N.4.1-SC.912.N.4.2</p> <p>Middle School: CCSS.ELA-LITERACY.RST.6-8.1 CCSS.ELA-LITERACY.RST.6-8.2 CCSS.ELA-LITERACY.RST.6-8.3 CCSS.ELA-LITERACY.RST.6-8.4 CCSS.ELA-LITERACY.RST.6-8.5 CCSS.ELA-LITERACY.RST.6-8.6 CCSS.ELA-LITERACY.RST.6-8.7 CCSS.ELA-LITERACY.RST.6-8.8 CCSS.ELA-LITERACY.RST.6-8.9 CCSS.ELA-LITERACY.RST.6-8.10 SC.6.N.1-3, SC.7.N.1-3, SC.8.N.1-4</p>
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Curriculum Map- Scope and Sequence: Science Projects (High School and Middle School)

Saddlebrook Preparatory School

<p style="text-align: center;">Integrated CCSS Writing Standards (List):</p> <p>*See Below for Links</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>	<p>High School: CCSS.ELA-Literacy.W.11-12.3 CCSS.ELA-Literacy.W.11-12.1 CCSS.ELA-Literacy.W.11-12.9.a</p> <p>Middle School: CCSS.LITERACY.W.7.1 CCSS.LITERACY.W.7.1A-E CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.7.2A-F CCSS.LITERACY.W.7.2 CCSS.LITERACY.W.8.2A-F CCSS.LITERACY.W.7.4 CCSS.LITERACY.W.8.4 CCSS.LITERACY.W.7.5 CCSS.LITERACY.W.8.5 CCSS.LITERACY.W.7.6 CCSS.LITERACY.W.8.6 CCSS.LITERACY.W.7.7 CCSS.LITERACY.W.8.7 CCSS.LITERACY.W.7.10</p>
<p>Links to CCSS/NGSSS Curriculum Standards:</p>	<p>The following links will be used to incorporate the CCSS and other applicable standards:</p> <ul style="list-style-type: none"> • The Common Core State Standard expectations in grade6-8 and 9-12. • The K-12 English LA and Content Area Writing Standards • The K-12 Reading Standards • The K-12 Mathematics Standards • The K-12 NGSSS Science & Social Studies Standards 				

