

3RD/4TH GRADE GIFTED AND TALENTED Pacing Guide

3rd and 4th Grade Gifted and Talented Pullout Program	
Quarter 1,2,3	Project and Problem Based Learning Activities
<i>Big Idea</i>	<p>Throughout the school year, students complete 2-3 project or problem based learning activities. These might be conducted independently or in groups. The process is as follows:</p> <ul style="list-style-type: none"> ● Discover a passion topic. ● Research that topic. ● Identify a problem that needs to be solved related to the topic. ● Think critically about the problem. ● Plan a possible solution to the problem. ● If applicable, interview stakeholders about the problem. ● Draw a blueprint of the solution. ● Build a prototype. ● Share the prototype with teachers, classmates, and stakeholders. ● Listen to advice and research problems that occurred during sharing. Make modifications as necessary ● Present final prototypes. ● If applicable, create advertising for the product.
<i>Skills</i>	<ul style="list-style-type: none"> ● SWBAT narrow down a topic by brainstorming and group discussion. ● SWBAT locate reputable research websites such as Destiny Library, Epic! Library, World Book Encyclopedia, World Almanac, and PebbleGo. ● SWBAT research a subject they are passionate about and take notes on paper and digitally. ● SWBAT effectively use technology applications such as Google Classroom, Google Forms, Google Slides, Google Sites, Google Draw, Scratch Coding, Google Meet, Google Meet Breakout Rooms, and Google Docs. ● SWBAT to take a picture of their project or notes to share with the class. SWBAT upload that picture to a Google Form or Google Meet. SWBAT to “share” a Google project with others. ● SWBAT identify a problem that needs to be solved via brainstorming and group discussion. Students can do this in person or using Google Meet Breakout Rooms. ● SWBAT design a plan for a prototype. Students can do this on

	<p>paper (outline, picture or storyboards) or using an app such as Google Draw or Tinkercad 3D design software.</p> <ul style="list-style-type: none">● SWBAT to build their prototype using recycled materials or an app such as Scratch Coding by MIT or Tinkercad 3D design.● SWBAT design a presentation using Google Slides. SWBAT present their prototypes/presentations in person or via Google Meet.● SWBAT research problems they found with their design and come up with solutions.● SWBAT create a presentation and advertising for their prototype using Google Slides, Google Sites, Google Draw, and Google Docs.● SWBAT use active voice in their writing and identify punctuation mistakes.
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