

5th grade PROBE

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Probe: FFSD Gifted Education Program 2-5
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What Problem will you solve today?

5th grade PROBE will be working on problems and projects that cover 5th grade objectives . . . and beyond!

We will work creatively and collaboratively on projects that will prepare us for 21st century living. We will work on becoming Leaders, Servers, and Scholars!

Topics and projects explored this year will include...

-How Do Robots Work? How can we design, build, and program a Robot to do a task or solve a problem? We will become Robotic Engineers using LEGO mindstorm kits and challenges. We will design a robot that can solve an everyday problem or do a task.

-21st Century Communication: PROBE TV Students will learn how to present information in a variety of ways including video recording and editing!

-App design and coding with BITSBOX We will explore and learn the language of coding through the program called BitsBox. We will develop apps that can be shared on phones and tablets.

-GENIUS HOUR / Independent Personal Passions Project At the end of the year we will be embracing our personal passions while practicing our independence, perseverance, and task completion skills. Students will pick a topic they are passionate about, or want to explore more about. They will self direct themselves to create a way to share that information with others and produce a product that shows what they learned.