

Some examples of student writing associated with *The Book of Ideas*

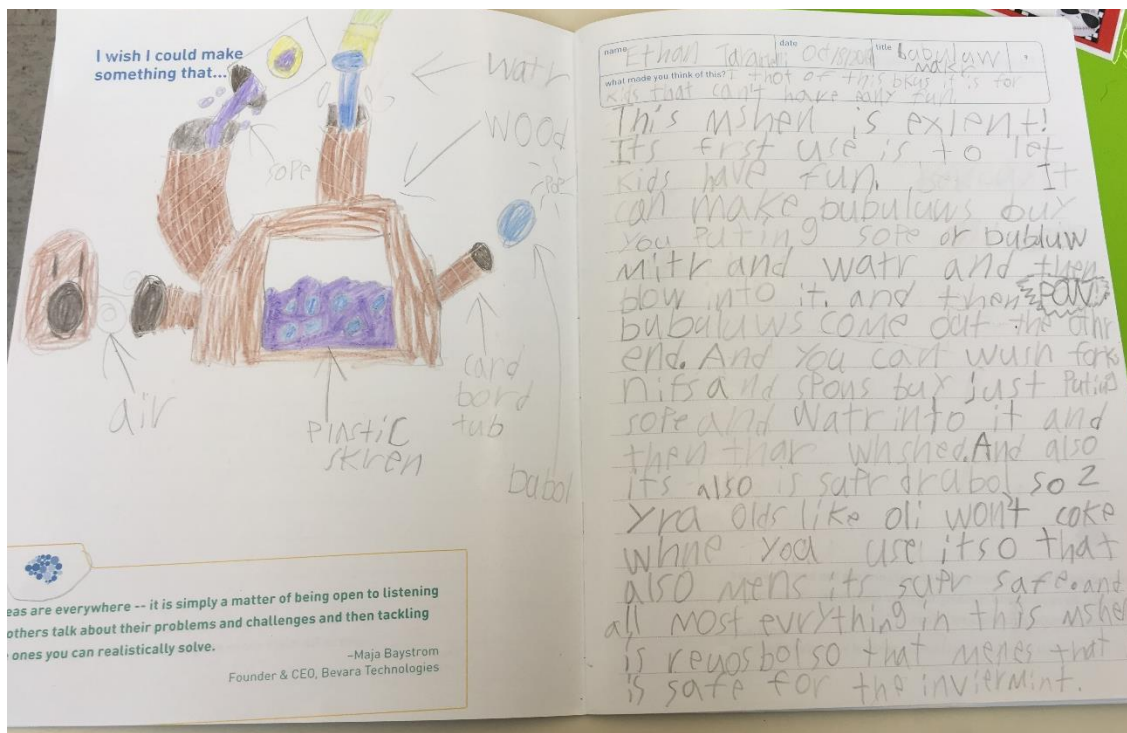
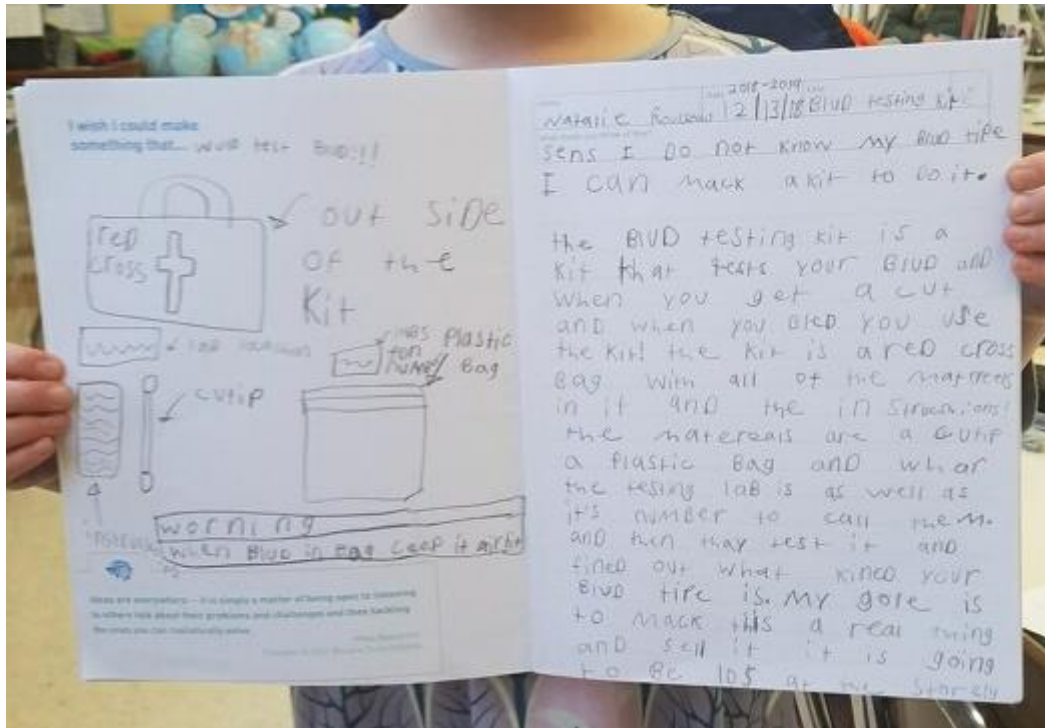
Getting kids to connect to and see value in their ideas is a key ingredient in teaching STEM and to fostering student confidence in general. This is why CreositySpace created the *Book of Ideas*.

Similar to a real inventor's notebook, the *Book of Ideas* was designed to encourage kids to write down or draw, explore, and discuss their own ideas and inventions. Pages include a title block, quotes from entrepreneurs and innovators, short design prompts and a list of inventions and businesses started by kids.

The *Book of Ideas* is NOT about the right answer, perfect spelling, or fitting into a pre-determined box. **The *Book of Ideas* IS about** giving students the opportunity to explore and express their ideas in a way that works for them. It is a chance for students to work independently as well as collaboratively and to means practice the giving and receiving of respectful feedback. It is a way for students to show you the ideas, big wonderings, and solutions that are on their minds, giving you additional insight on how to engage every learner.

There is no wrong way to use the *Book of Ideas* in your classroom. Above all it should be considered a conversation-starter and a great way to encourage creativity, communication, collaboration, and curiosity in your classroom.

These examples are from a broad range of students. They are all at different levels with their writing and spelling, but all have fantastic and deep ideas. Across the board the *Book of Ideas* has given them a space where they can be free to express and develop their ideas while practicing their writing skills in an authentic and supportive setting.



I wish my home had a... service

name Sasmit pawale date 12/1/17 title home service 11

what made you think of this? A home made me think of this

The home will have a good service that it will make our life more easier. The home will wash the utensils for us. Make food for us. sing a song for us while bed time or read a good story for and make me ready for school. And make dad ready for office and if we have a pet the home will take care of it.

meta wood memory unit

Build a prototype! It doesn't matter if it is made out of wood or even cardboard, just keep it simple and focus on testing the core concept.

-Robert Barron
Co-founder, Fabriti Technology

This would make a fun toy...

name Stella Nichols date 10/18/2017 title defying gravity shoes 13

what made you think of this? Diary of a wacky kid book because the jumps

My idea is defying gravity shoes so every jump you make you go higher than usual. But what if you want to turn it off? Well where the laces connect there is a button and if you push it then you will jump usually. And if your wondering how in the world does this work well the shoes have special soles which are solar powered to defy gravity. And one will be special and how they work is, say you want your gravity defying shoes blue since blue has four letters you will jump four times your regular height. Or you could just get colors and not the special. But my brother said "well if the soles are solar powered they won't get much sunlight because they are aimed toward the ground," so that made me rethink my entire plan so now I'm thinking that the button to turn the shoe off is solar powered and that gives the rest of the shoe energy since that part faces the sun.

For young people, one of your greatest assets is not having boundaries but can or cannot be done. Dream big! You can make anything you passionate about a reality. It is only a question of time and effort.

-Adina Mangubat
Founder and CEO, Spiral Genetics, Inc