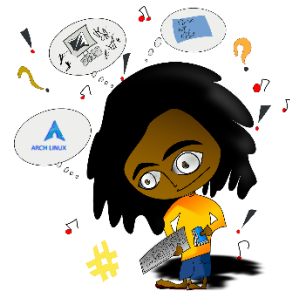


My STEM Stories™

Introduction to Invention

Did you know that
ideas are valuable?



**STEM
Inventor:**

Vocabulary

Word	Definition	A Picture or Simplified Definition
Brainstorming	Brainstorming is collecting and sharing a lot of ideas to solve a problem.	
Creative Thinking	Creative thinking is using your knowledge and things you learn in school to come up with a new idea.	

Vocabulary

Word	Definition	A Picture or Simplified Definition
Inventor	An inventor is a person who comes up with a new way to solve a problem.	
Intellectual Property	Intellectual property is a law that protects inventions.	
Entrepreneur	An entrepreneur is someone who turns ideas into a business and then gets to be their own boss!	

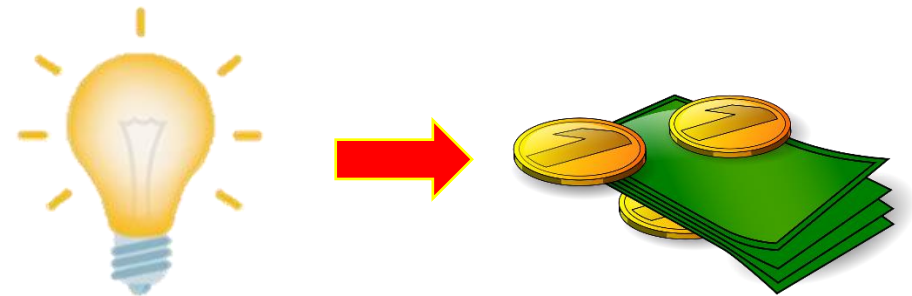
Ideas and Invention



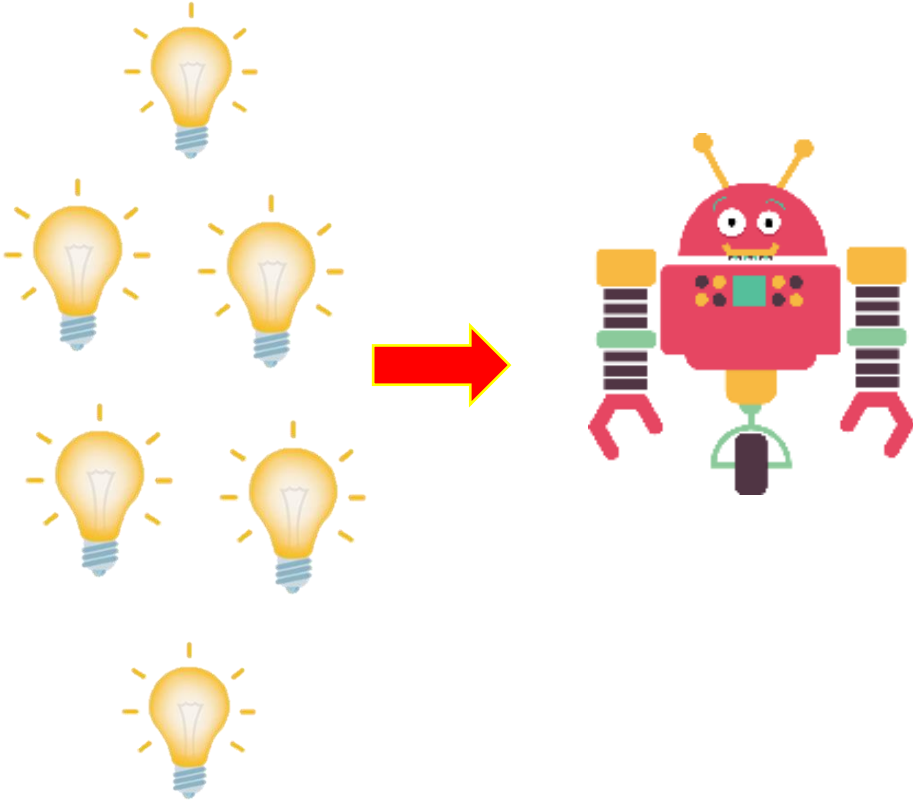
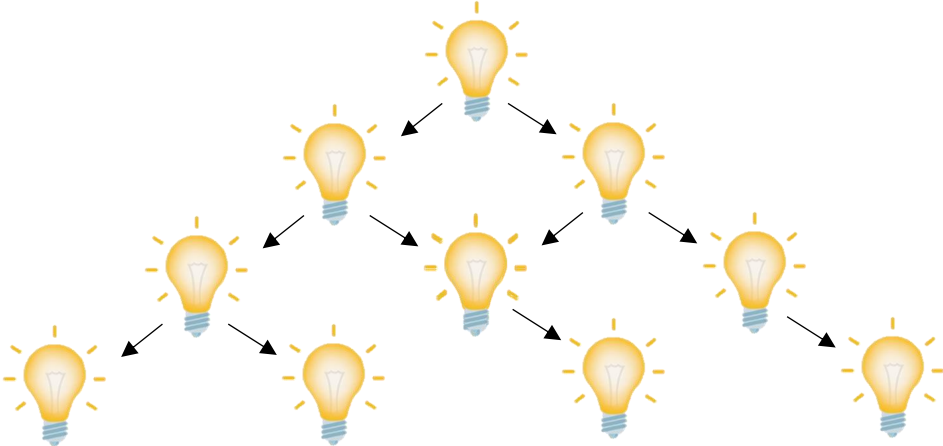
Have you ever had an idea?



Ideas are valuable!

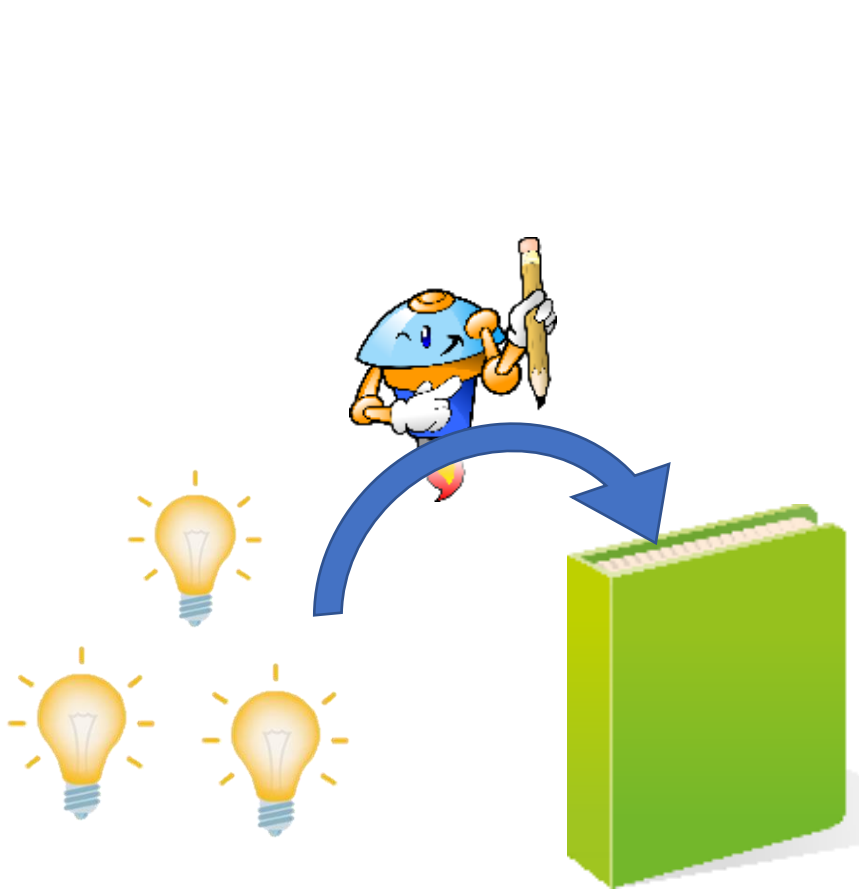


New inventions need a lot of ideas.



Ideas can create new ideas.

Inventors write or draw their ideas in a notebook.



Your ideas are protected by **intellectual property laws**.



Discussion

Why is it important to have a lot of ideas?

Draw or talk about what you think.

Ideas are valuable.

Draw or talk about what you think.

LET'S MEET SOME INVENTORS

**Andrea Sreshta and Anna Stork,
Co-Founders of LuminAID**



Andrea Sreshta and Anna Stork met at college in New York City.

There was an earthquake in Haiti.



People in Haiti needed help.

Andrea and Anna invented a light that uses energy from the sun.



It was easy to get this light to people in need.



This light is safe and easy to use.

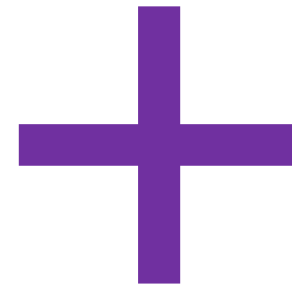


JD Albert and Barrett Comiskey, Co-Founders of E Ink

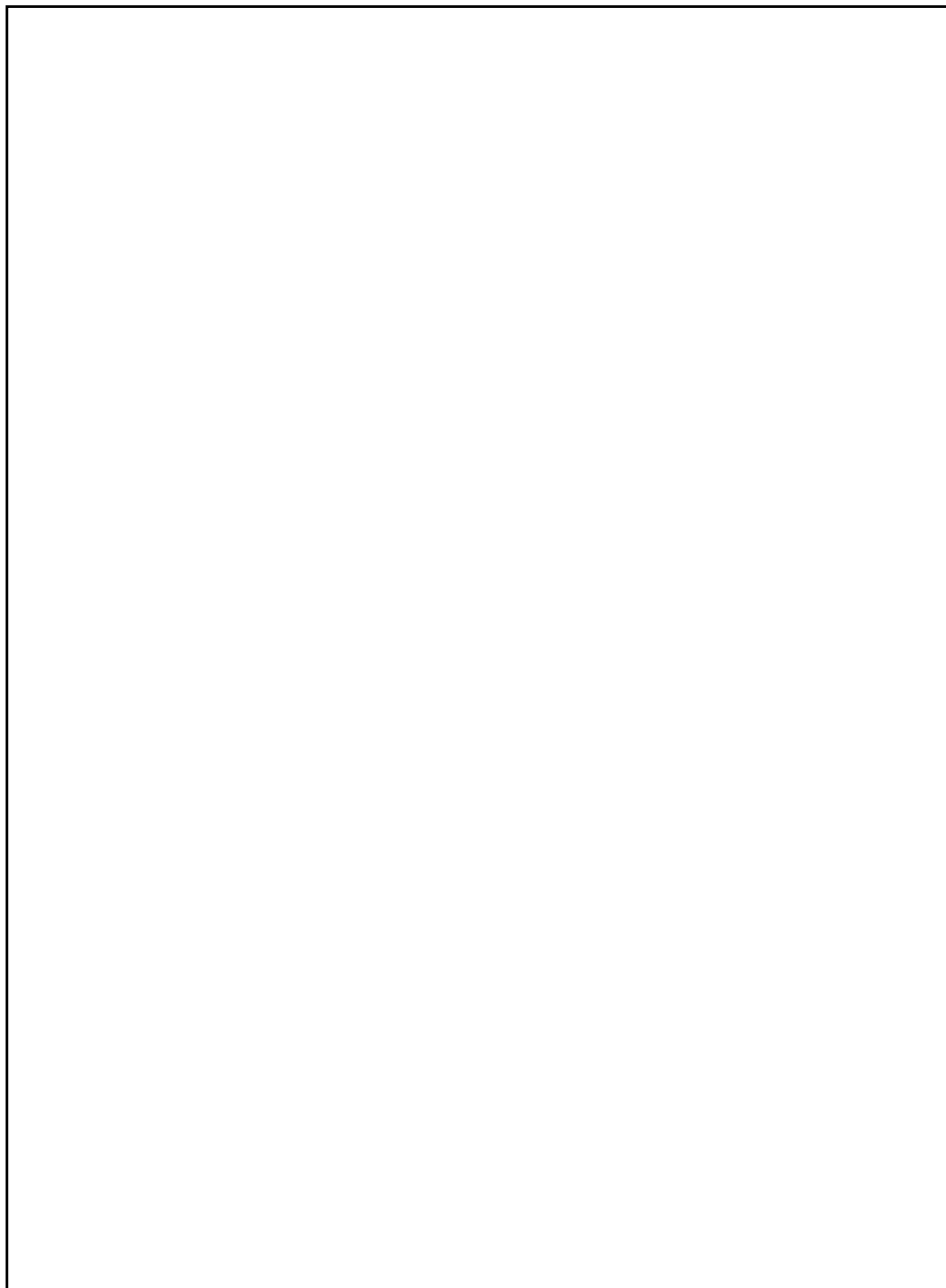
JD Albert and Barrett Comiskey
met at college.



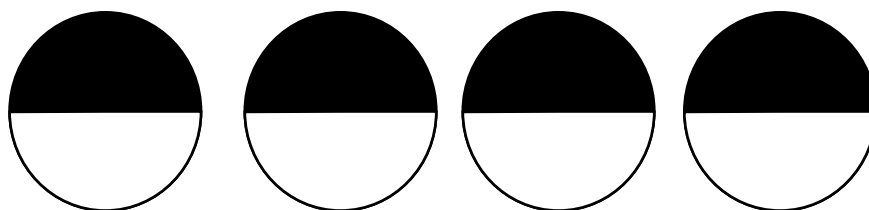
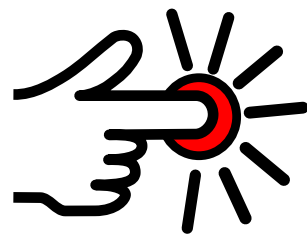
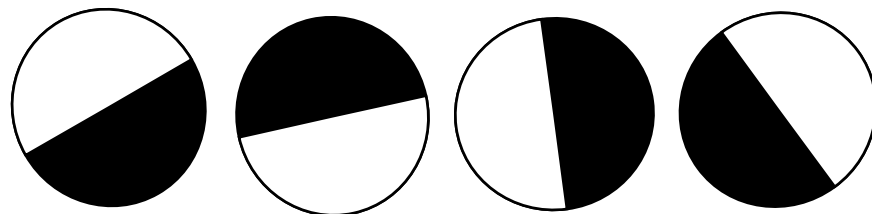
JD and Barrett wanted to invent
electronic paper.



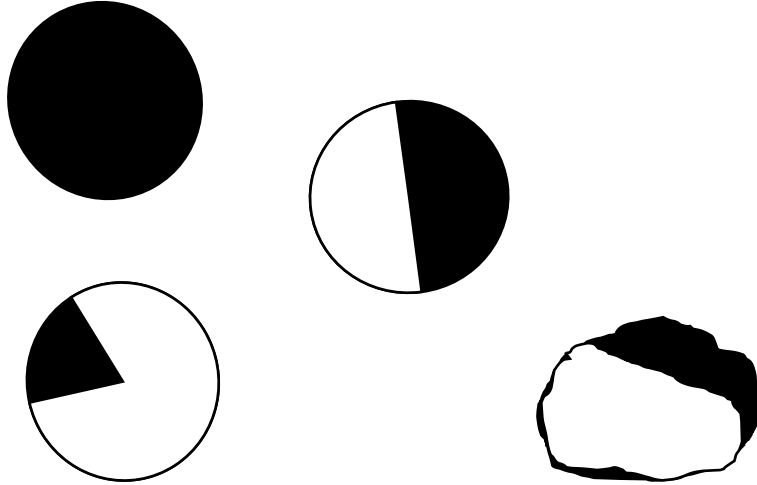
Can you imagine electronic paper?



JD and Barrett tried a lot of different ideas.



Some ideas they tried did not work.



Some ideas they tried were protected by

intellectual property laws.



Then they tried an idea using rubber
bubbles and special sand!

Can you imagine rubber bubbles and
special sand?

That idea worked!



People from all over the world came to help them grow their business.



Barrett, Katharine, and Kim from the E Ink research team.

After 10 years Barrett and JD decided to try something new.



Barrett has started many other companies.



JD helps other people with their ideas.



LET'S MEET SOME KID INVENTORS

At age 12, Brooke Martin of Spokane came up with a new way to stay in touch with her golden retriever.

Maikaila Ulmer, of Austin Texas, was just four years old when she had the idea for her special Me & the Bees lemonade.

Chris Hass was just nine years old when he came up with the idea for the Hands On Basketball.

Kiowa Kavovit was 6 years old when she started working on her idea for Boo Boo Goo.

At 10 years old, Allie Webber of South Dakota invented a new type of glove that tells you if your fingers are too cold.

Donovan Tyee Smith, was only 10 and living in Albuquerque, New Mexico, when he started making soaps shaped like food.

Eight-year-old Xóchitl Guadalupe Cruz from Mexico invented a new low-cost water heating device.

At 15 years old, Javier Fernandez-Han from Texas developed a new way to make energy.

Do you have an idea? Draw or write it here.

