

# The Problem With Plastics

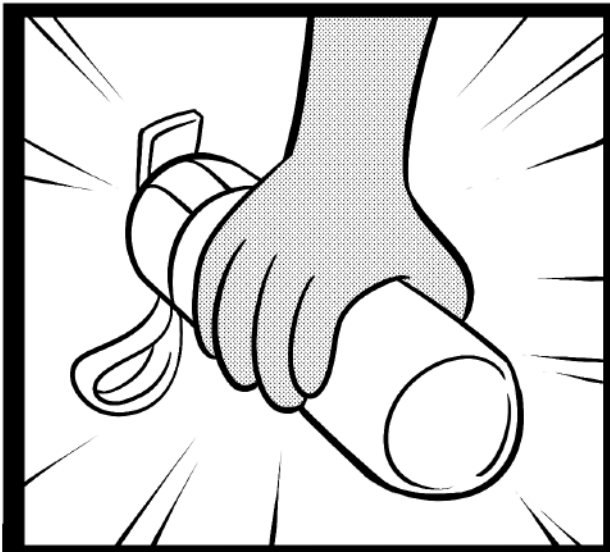
Engineering  
Plastic Filters



Written by the YES Elementary Team

Illustrated by Hannah Daigle

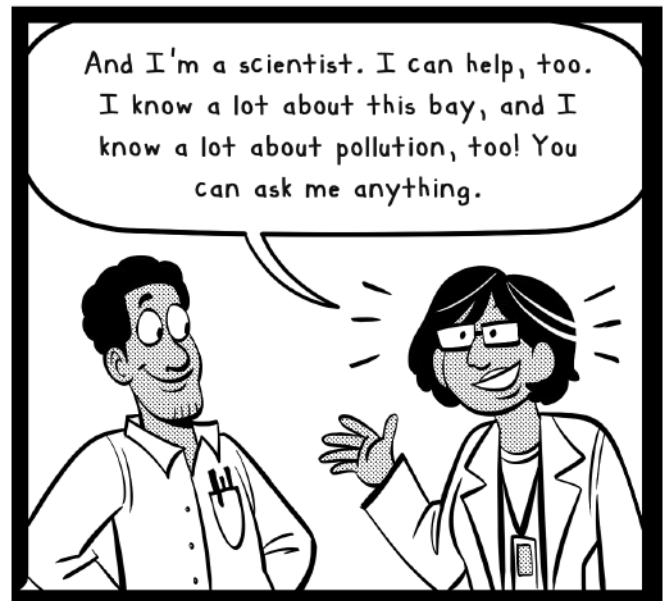
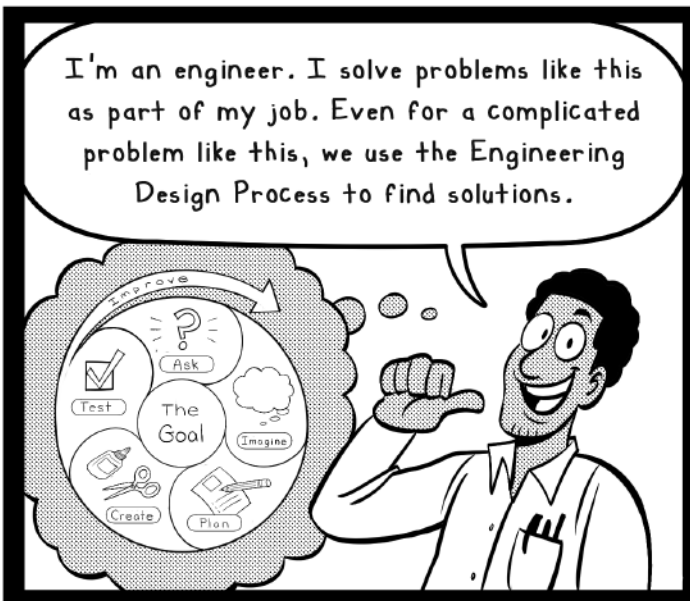
# Chapter 1



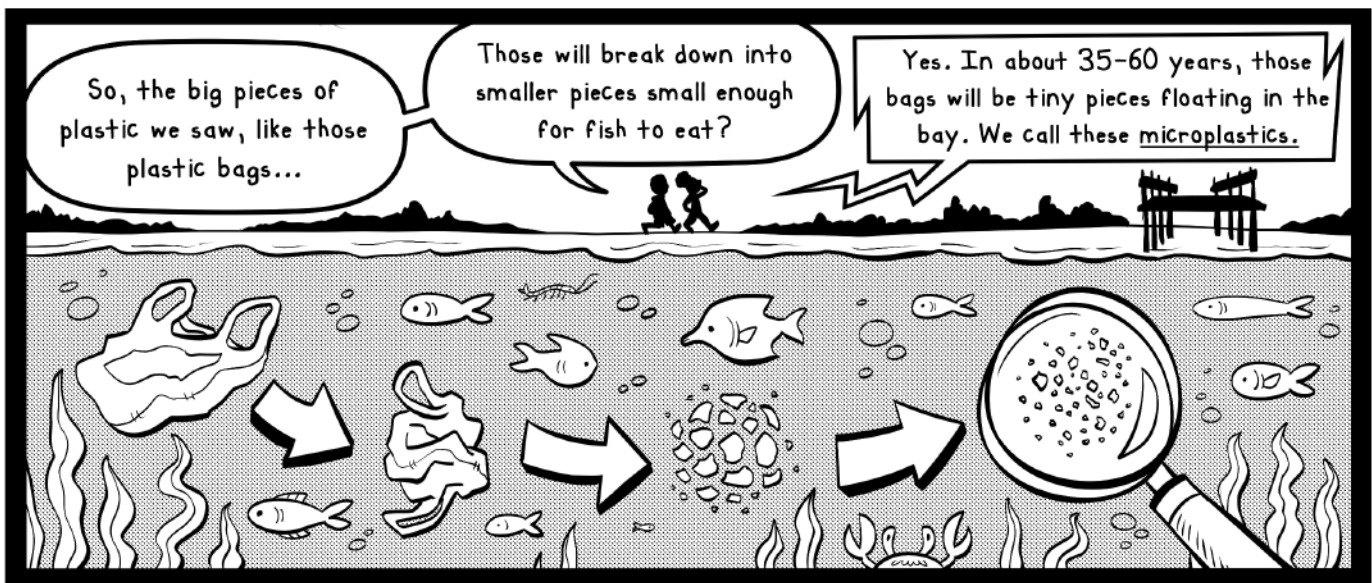
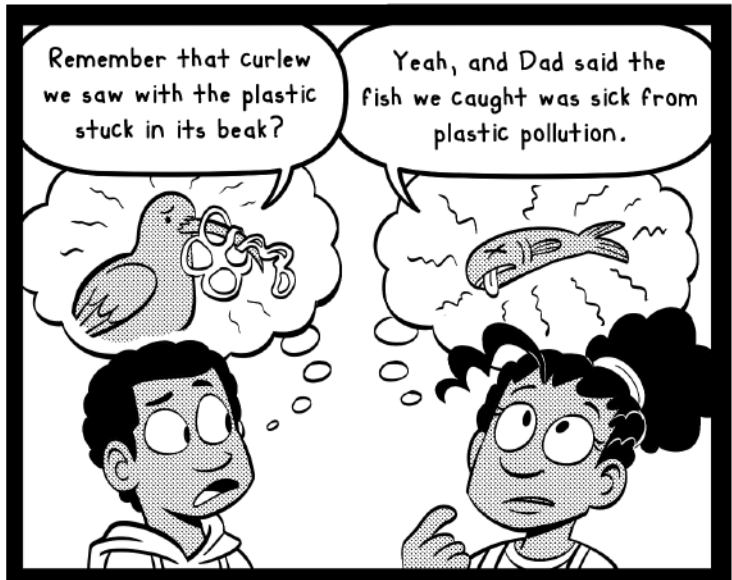
Chapter 1 continued



Chapter 1 continued



# Chapter 2



# Chapter 2 continued

Other plastics take an even longer time to become microplastic. A water bottle, for example, could take as long as 300 to 500 years.

450 years

300-500 years

CANDY! 20-30 years

500 years?! I'm confused. If it takes THAT long for something to become microplastic...

Why is it such a big deal?

Because! If there are already enough microplastics in the bay to make fish sick, imagine how much worse it'll be once all the other plastics break down...

Microplastic will be everywhere!

Everywhere...?

You know how our bay connects to the Gulf? Just think—the plastic can spread from our bay to lots of other places in the ocean.

We need to learn more about how plastics affect the ocean ecosystem.

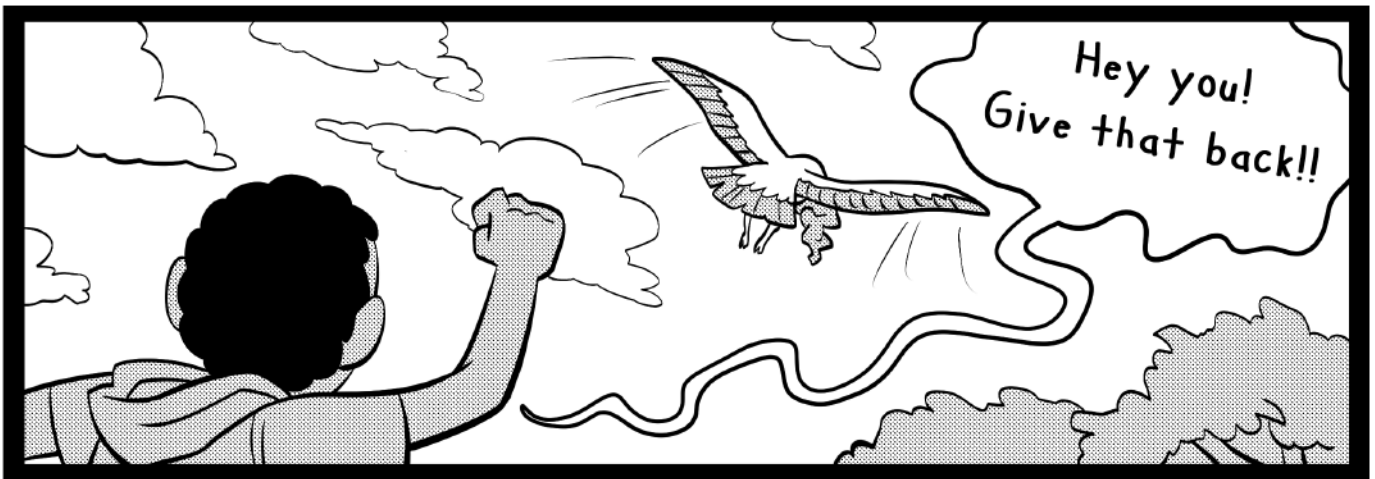
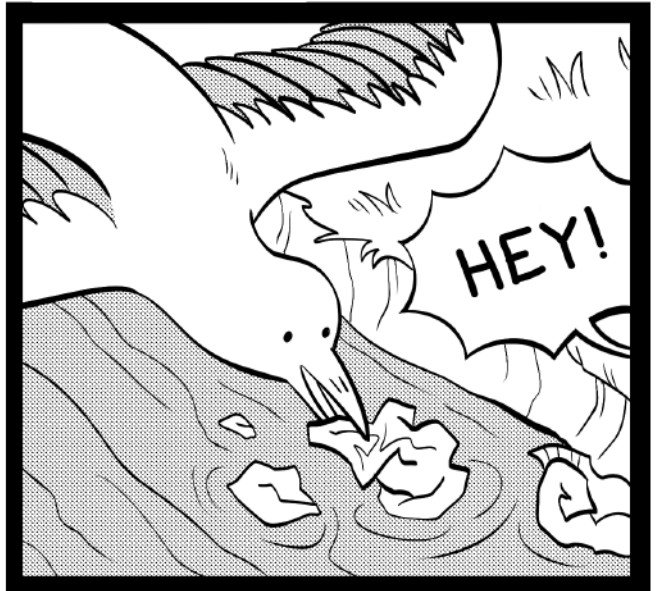
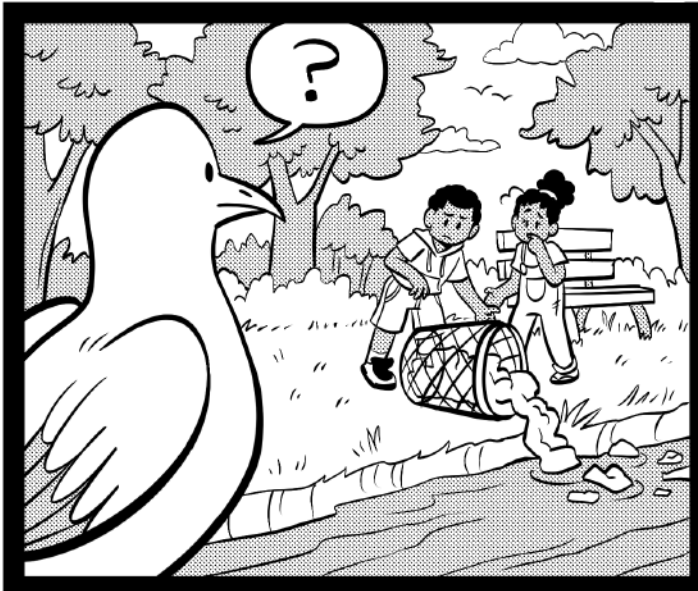
And about how far plastics go in the ocean.

This might be about more than just our bay.

# Chapter 3

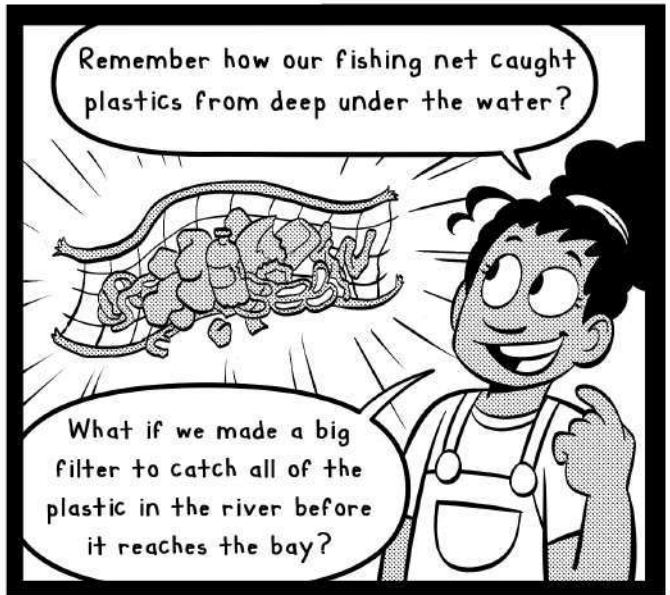


Chapter 3 continued





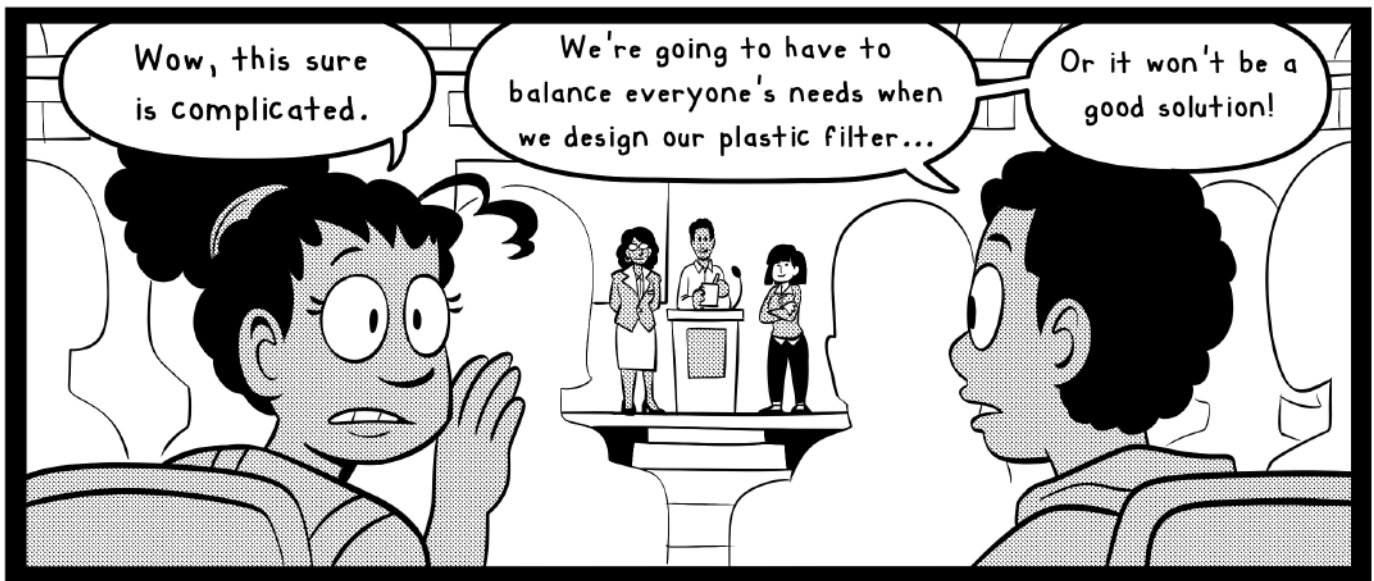
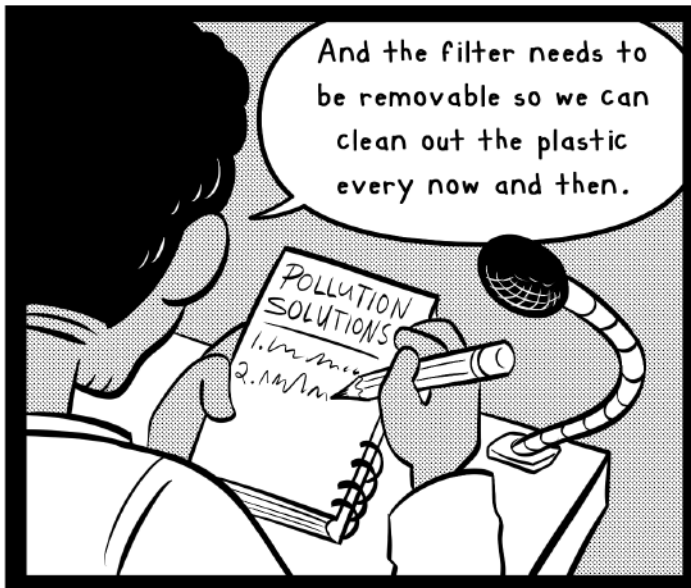
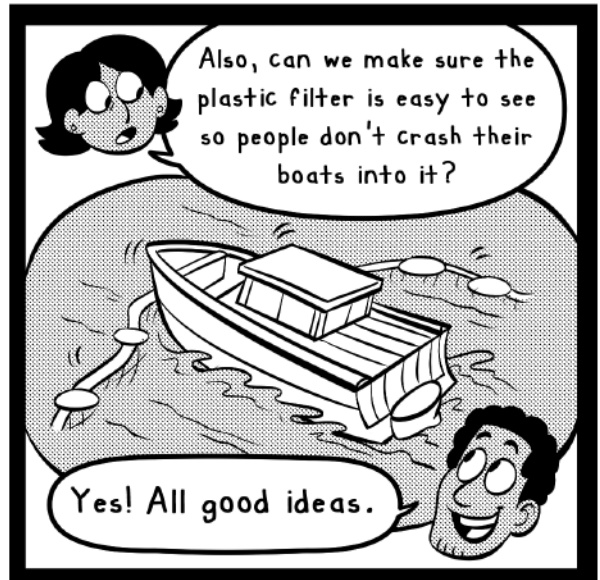
# Chapter 4



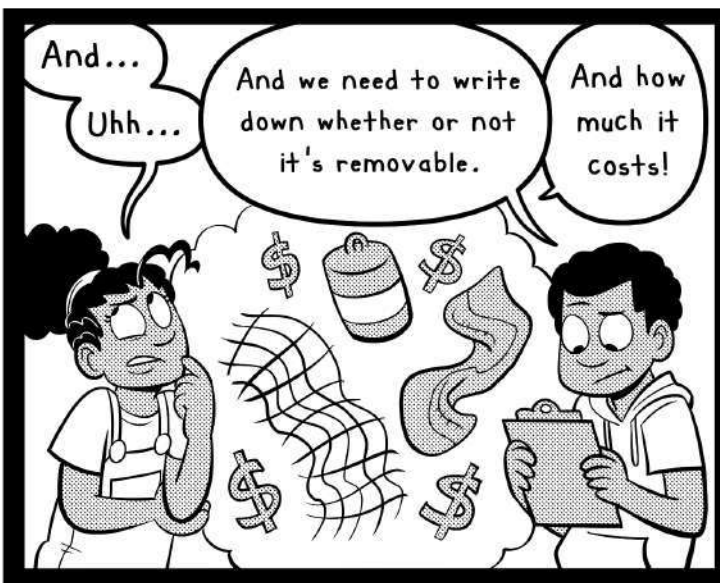
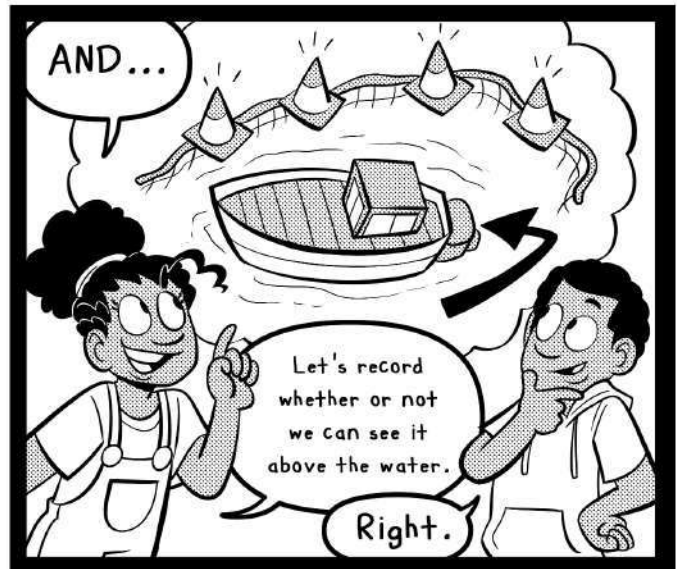
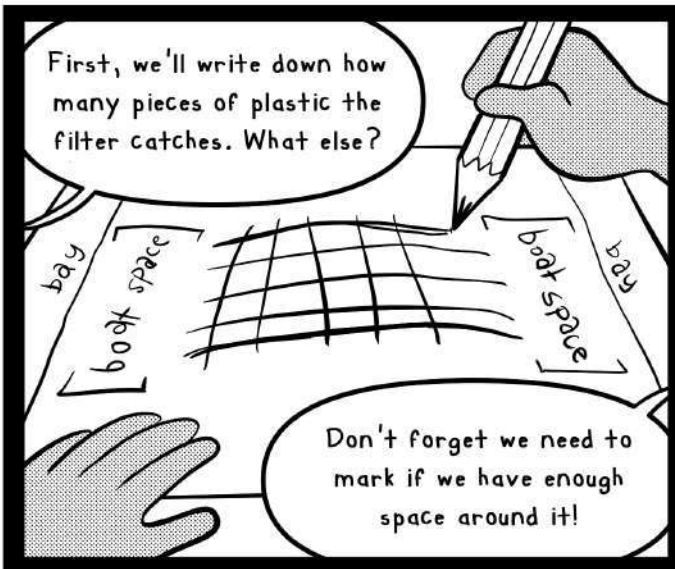
Chapter 4 continued



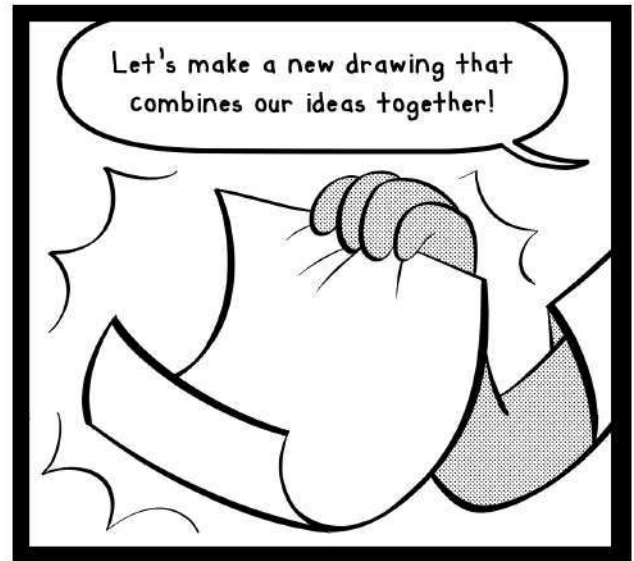
Chapter 4 continued



# Chapter 5



Chapter 5 continued



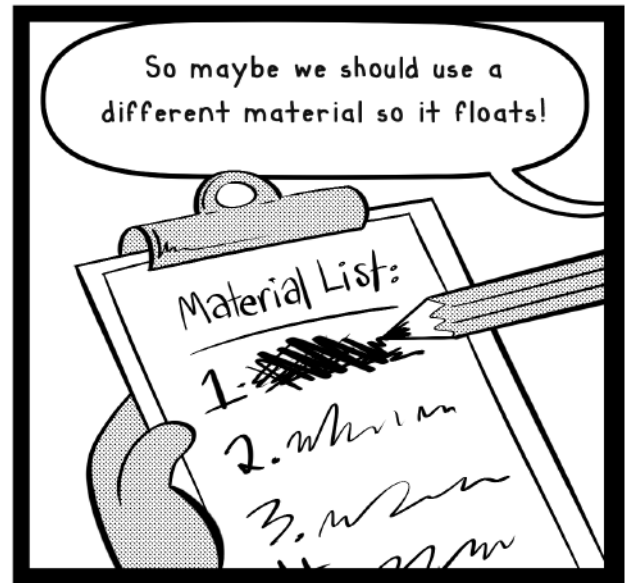
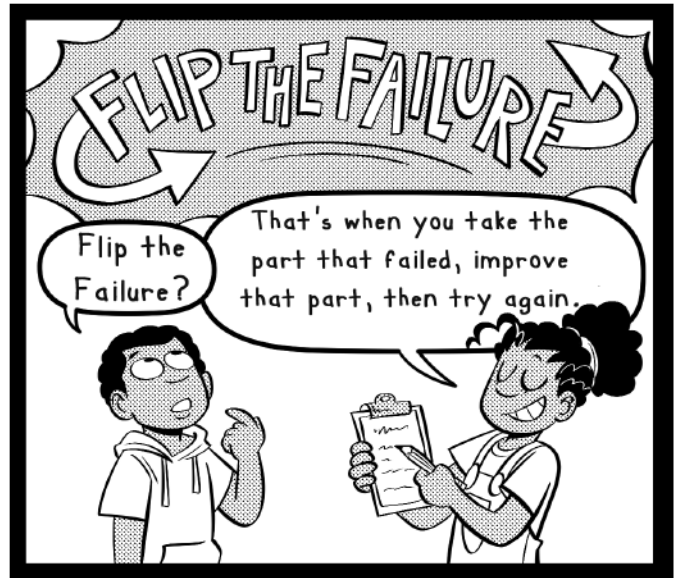
# Chapter 6



Chapter 6 continued



# Chapter 7

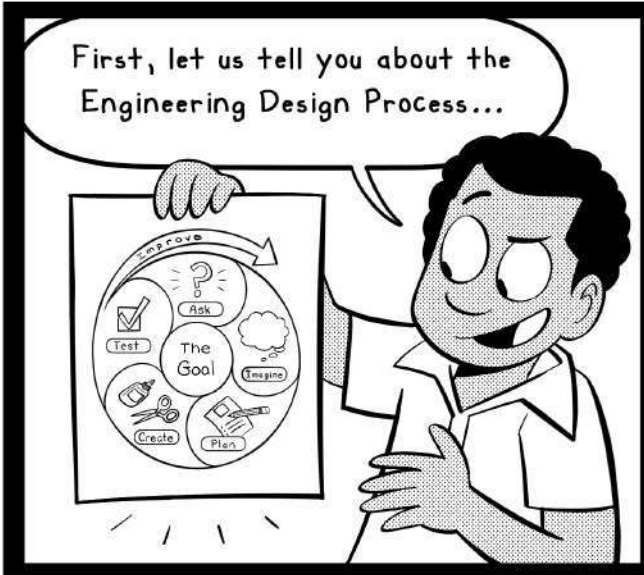
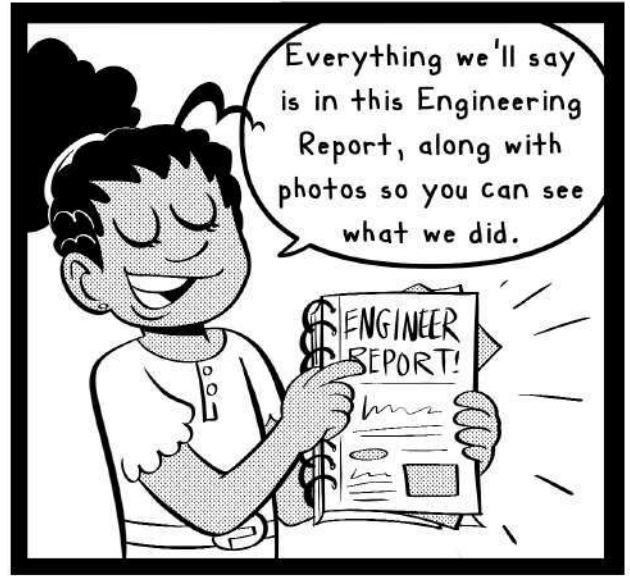




Chapter 7 continued



# Chapter 8



# Chapter 8 continued

