



## **Challenge: RE-INVENTION CONNECTION: CAN YOU BUILD IT BETTER?**

**The Scoop:** Many of the world’s best “inventions” started with a product that already existed and modifying it for a completely different use. Is there a problem or job that you wish there was a tool for, but you just can’t seem to find one? In this challenge, you’ll identify a problem and re-design an existing product to create your own re-invention to solve that problem.

### **What You’ll Need:**

- Your brain
- Things around your home (make sure it’s ok to use them)

**The Challenge:** Think about a problem that needs a tool or a solution – maybe something that you or someone you know struggles with everyday. Now, use your imagination to create a brand-new tool from something you already have. Be creative and modify the object anyway you like to create your brand new re-invention! Then draw a picture or take a photo to send us of your new creation!

### **Stuff to Think About:**

- Many products we use are considered multi-functional, because they can be used for more than one thing. Can you think of some examples of such items?
- Up for an extra challenge? Try developing a totally new invention from scratch, using raw materials like paper clips, wooden sticks, glue and other things in your house!