

In this uncertain time we want to provide teachers and parents with resources for at home learning. In this blog we will share ideas for using the resources at home with parents and for teachers to assign in their online learning environments.

Daily STEM [Episode 52](#)

This episode is about taking cardboard box you may have laying around the house and creating a toss game with it. You will see Chris Woods, an amazing STEM teacher who has great ideas! He has a [podcast](#) where he talks about STEM. His [website resources](#) have tons of more ideas for activities, including [77 STEM activities for home](#) and the newest edition [77 MORE Stem](#) activities.

Before watching

Talk to your children about recycling and why it is needed. Ask kids if there is anything they throw away or recycle that could possibly be used for another purpose.

Watch the SafeYouTube link of [Episode 52](#)

This [site](#) cleans youtube videos to make them safe for children.

After watching

1. Create a game similar to what you watched Mr Woods create.
2. Create a “ball” to use out of used paper.
3. Test the ball, discuss how to improve the ball.
 - a. Do you need more paper?
 - b. Do you need a different material paper?
 - c. Should you stand close or further away?
4. Take turns playing the game- 5 turns for each person. Create a tally chart marking the made shots.
5. Count up your results.
6. Create a bar graph showing the results using Legos. Find the same size pieces so your results will show equally.
7. Write questions using words like how many, more, less, all together.
8. Take a picture of your bar graph* and send it to a friend. Tell them what the graph shows and ask them if they can answer your questions.

**Optional Tech addition: Use the app PicCollage. Add your picture of the graph. Add the title for your graph. Add the names of the people who completed the shots for each bar graph.*

