

TINKERCAD BOAT CHALLENGE

The challenge is simple. You will use TinkerCAD to create a boat (If you haven't used TinkerCAD yet, follow the introductory video tutorial found at mneudorf.weebly.com). You will design the boat according to your own design – feel free to do some research and be creative. The boat that is able to carry the most dimes is the winner.

Step 1:

Watch the instructional videos. You can find the links here:

<https://www.youtube.com/watch?v=60xflu-lqAs&t=2s>

<https://www.youtube.com/watch?v=EiDR8qteXTY&t=2s>

Or you can go to mneudorf.weebly.com.

Step 2:

Draw your design on a piece of graph paper.

Step 3:

Create your boat on TinkerCAD. You don't need to worry about the size of your boat. I will scale them all so that everyone's boat is a similar size.

Step 4:

Send your completed TinkerCAD project file to Mr. Neudorf (murray.neudorf@spiritsd.ca) along with your mailing address.

Step 5:

Receive your completed project in the mail.

Step 6:

Fill a large bowl or tank with water. Place your boat in the water and begin placing nickels into the boat. Let Mr. Neudorf know how many dimes your boat was able to carry. If you want, take a video.

Step 7:

Once the projects have been completed, each student has completed the challenge, and the results have been given to Mr. Neudorf, the winner will be announced!

Good luck!

If you have any questions, feel free to contact me.