BC SRC 2020: Explore Our Universe!
Programs - Ages 9-12, Theme 1: Up and Away! Transportation and technology
Prepared by: Wiena Groenewold, FVRL

Introduction (15 min): Transportation Survey

- Survey children to see how they got to the library today. Put cards with transportation forms (eg. Car, bus, walk, bike, plane, train, etc) up around the room. Have children find the card that matches their transportation and stand next to it. Compare types and numbers in short discussion.

Story (10 min): One Dog Canoe by Mary Casanova

Activity (35 min): Transportation Challenge (choose A or B, or both if you wish):
Children may want or need to work in teams and be willing to help each other out.

A. Foil paper boat challenge
   1. Give each child a sheet of foil paper (12”x12”)
   2. Instruct children to fold it into a boat shape
   3. Explain challenge: construct a boat that will carry the most coins and stay afloat
   4. Taking turns, children place boat in tub of water and add coins one at a time
   5. When boat sinks, count how many coins it held!

B. Building bridge challenge
   1. Bridge Building STEM Challenge with Craft Sticks and Wooden Cubes
      (https://frugalfun4boys.com/bridge-building-stem-challenge/)

You may decide to hand out prizes for the challenges; if doing so, make sure you have enough for everyone and that everyone’s work is recognized.