**Transport Team Challenge**

*Students will:*

* *Work independently, co-operatively and collaboratively to solve technological problems.*
* *Demonstrate a preparedness for technological problem solving*
* *Engineer a prototype to solve a design challenge.*

**Problem:**

Design and build a method of getting the candy tube from one side of the room to the other without physically carrying it or throwing it across the room. The tube must start on the hall side of the classroom and land on window ledge. The first team to succeed is awarded the candy from the tube!

**Limitations:**

* The tube must travel from one side of the room to the other on its own power.
* You must submit your plan to the teacher before you will be granted the materials for building
* Your team must use a minimum of 8 minutes of planning time before materials will be granted to your team.
* You can redesign as necessary during the building process as long as your modifications are noted.
* Challenge must be complete within one class period to be considered a success.

**Materials**

* Paper Clips
* Sewing Bobbin (2)
* Balloons
* String or wire
* Candy Tube
* Tape or Glue