

Curious Kids!

citylibraries



Pom Pom Racing - Challenge Sheet

1

The Challenge for all Curious Kids

- Science is looking, describing, and experimenting about the world around us.
- Let's be curious about a type of science called earth science.
- Can you build a racetrack for the pom poms and feathers to race along?

2

What do we need?

- Large pom poms, large feathers, straws, painter's tape or masking tape
- Timer or stopwatch or count yourself
- Pens, paper, scissors, sticky tape, glue.

3

Explore & Create

- Track building: Use painter's tape to create a racetrack on the floor. Blow through a straw to make the pom poms move. Try other objects.
- Experiment: Change the distance of your straw to close and far? What if you use long or short breaths? Does it make it slow or fast? Modify and retry.
- Time it: Use a timer to see how different objects race on your track.

4

Question to Ask & Words to Use

- How do we make wind ourselves? What type of track are you going to design?
- How will you make it move? How's it going? What are you going to do next?
- Long, short, fast, slow, close, far, experiment, air, wind

5

Show & Share

- Race your pom poms around your track with a friend.
- Show them how you can make it go faster or slower using your breath.