

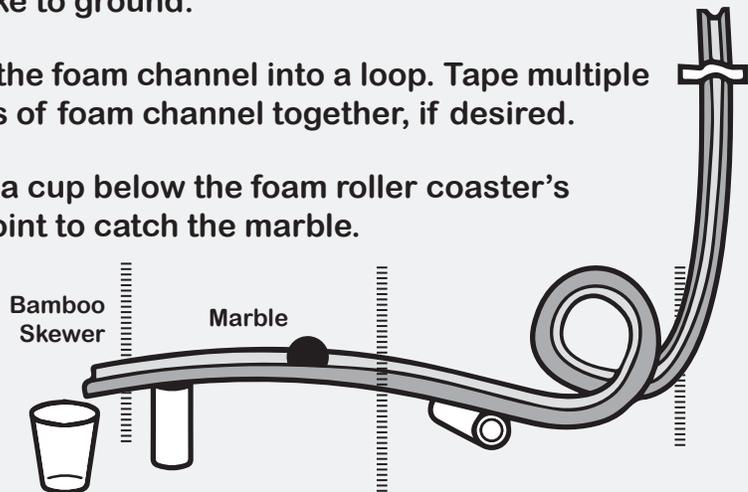
ROLLER COASTER CHALLENGE

METHOD

ACTIVITY

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- 1** Challenge teams of 3-5 to build a roller coaster for marbles.
- 2** Tape the foam channel to a wall or to an object that won't move. If outside, use bamboo skewers to stake to ground.
- 3** Bend the foam channel into a loop. Tape multiple pieces of foam channel together, if desired.
- 4** Place a cup below the foam roller coaster's exit point to catch the marble.



- 5** Send a marble through the foam roller coaster! If the marble doesn't reach the exit, change your design. Try adding sections like a corkscrew or banked turn.

CUT AND
INSERT
THIS ACTIVITY
INTO YOUR
COMIC BOOK

Available
online



**TOTALLY
THRILLING
SCIENCE**

ohio4h.org/10-minute-science

You will need...

- MASKING TAPE
- MARBLES
- PLASTIC CUP
- MULTIPLE PIECES OF TUBULAR FOAM PIPE INSULATION (3/4" X 6' X 3/8") — CUT IN HALF LENGTHWISE
- 14" BAMBOO SKEWERS