

STEM ACTIVITY

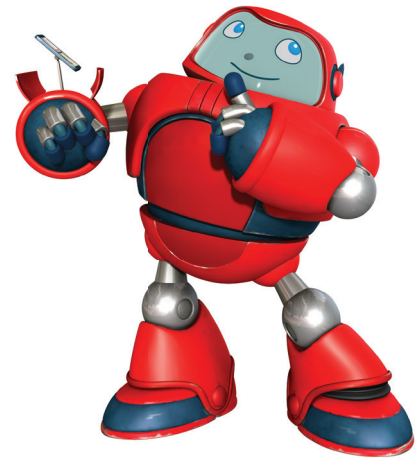
ISAIAH

Total Time: Approx. 20 minutes
In-Class Time: 15 minutes

You will need:

- Newspapers or cardboard paper rolls
- Masking tape
- Scotch tape
- Scissors
- Glue sticks
- Yarn
- Measuring tape

NOTE: Be sure to test this project out in advance.



STEP 1: To prepare, lay out newspaper or cardboard paper rolls for student groups of two. Make sure each team will have masking or scotch tape, scissors, and glue as needed.

STEP 2: Gather children. **TEACH:** We've talked about King Hezekiah's tunnels in our lessons. Today, we will be breaking into groups of two and creating our own tunnels. Each team will have access to paper and cardboard, glue, scissors, and tape. Your team will work to build the longest tunnel you can. You can build them straight or curve them. We will build for ten minutes.

STEP 3: Allow the children to build as they wish. Stop them around the ten-minute mark.

STEP 4: Gather the children and have them assess the tunnels.

- Which team had the longest tunnel?
- How do we know?
- Use a tape measure or yarn to compare the tunnel lengths, teaching the students as you measure.
- Some of the straight tunnels may have appeared much longer than the curved or angled tunnels.
- What did we find out?