

Pasta and Playdough Bridges

STEM Activity

The Activity

1. Explain to the children that the train is unable to pass because the bridge has fallen down!
2. Can they help by building a new bridge?
3. They can only use the pasta and playdough that you have left out for them.
4. Encourage the children to experiment with different ways of constructing the bridge.
5. Once the children have made their bridges, you could have a competition to see whose bridge will support the train as it crosses. You could even add some cargo to the train to find out whose bridge is the strongest.

You will need:

Playdough

A variety of raw pasta shapes such as rigatoni, penne, fusilli, spaghetti

A toy train

