

LET'S BUILD A BRIDGE!

Your challenge is to build a **STRONG** bridge using materials you have at home. These materials could include: lego, blocks, cardboard, string, sticks - absolutely anything!

First: Research different types of bridges and/ or draw a plan of your bridge. Label what you will use to build your bridge. Then, get building!

How much can your bridge hold?

- Gather a collection of objects or toys to put on your bridge.
- Estimate or guess how many of those objects or toys it can hold without breaking.
- Test your bridge by putting these objects on it.
- Weigh the items with scales if you have them.

Other Activities:

- Measure how long your bridge is.
- Measure how far off the ground it is.
- Write a story: 'A Day in the Life of a Bridge'.
- Research a famous bridge.
- Learn some NZ facts about bridges - How many bridges are in NZ? What is NZ's longest bridge?

BONUS IDEA - Get Your Family Involved!

- Turn this into a family competition:
- Whose bridge can hold the most weight?
- Whose bridge is the longest?
- Whose bridge is the tallest?

