FORCES AND MACHINES



1. Write down the correct number to answer the questions.

Where are the foundations? ☐ How many can you see? ☐

Can you see four pillars? Where are they? ☐

Where are the beams? ☐

Where are the arches? ☐ How many can you see? ☐

Where are the cables? ☐



2. What are the functions of the parts of a bridge?

1. ☐ transmit weight to the columns.

2. The vertical bars that transmit weight to the foundations are the ☐.

3. The part that supports the structure is the ☐.

4. Elements made of metal wire that help to support weight are the ☐.



HOW TO BUILD A BRIDGE

Choose a model and try to build a bridge!