The Romans used arches a great deal in their building as they were a strong form of construction. This is evident in their aqueducts, which they built to carry water up to a distance of 40 km. Ask the children to find evidence of arches in buildings around them. They could make a model of an aqueduct using the ideas in the diagram. They could test the strength of an arch by bending different materials into arcs and then placing weights on top.