

Year 5 Spring Term – Construction - bridges



Product, User, Purpose

Product: A bridge (inspired by the work of Brunel)

User: Traffic (represented by toy cars and weights)

Purpose: To span a gap.

DT strand:



Construction

DT Connections – Linked prior learning:



Vocabulary:

| | | | |
|-------------|--------------------|----------|-----------------|
| Prototype | Specification/spec | Strength | Scale |
| Features | Geometric shapes | Sturdy | Fit for purpose |
| Compression | Strut | Tension | Tie |
| Diagonal | Horizontal | Vertical | Triangulation |

The Teaching Sequence

