



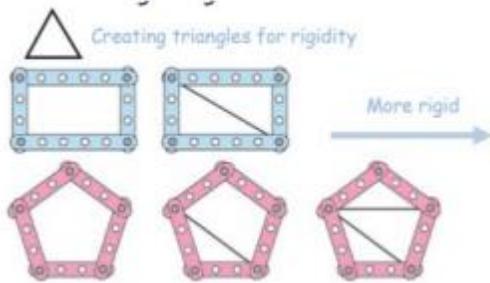
Year 5 Knowledge Organiser Structures Bridges



Key Knowledge

Triangulation

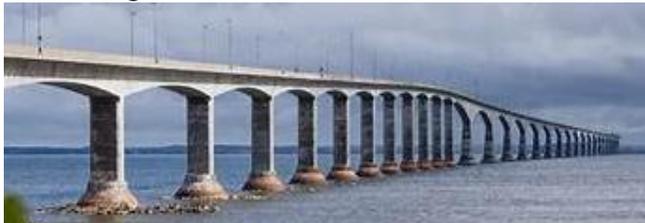
⇒ Triangulation involves the use of triangular shapes to give stability to structures.



An Arch Bridge

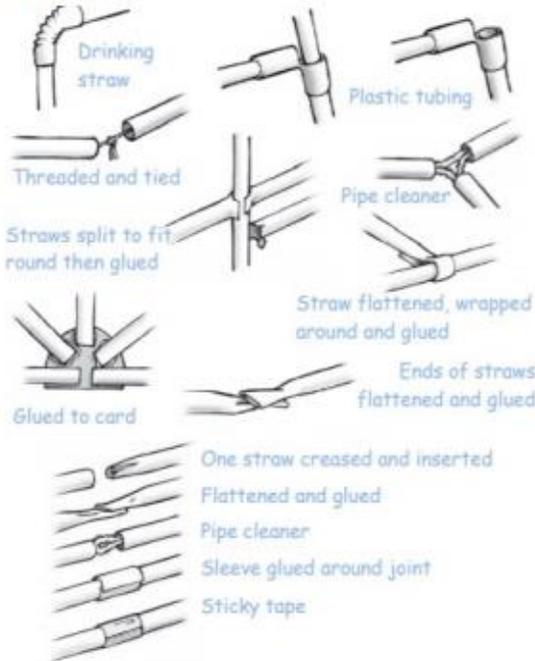


Beam Bridge

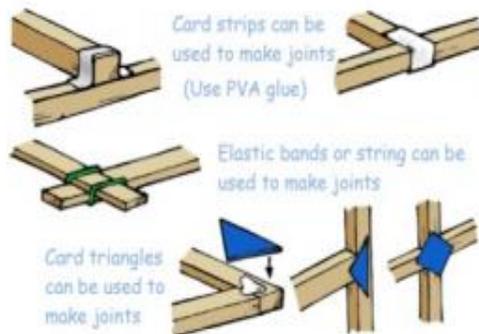


Key Knowledge

Joining straws



Joining thin wood



Vocabulary

1. Strut – a part of a structure under compression.
2. Diagonal – a straight line that goes from one corner to another inside a shape.
3. Triangulation – the use of triangular shapes to strengthen a structure.
4. Tension
5. Beam
6. Span
7. Stable
8. Parallel
9. Assemble