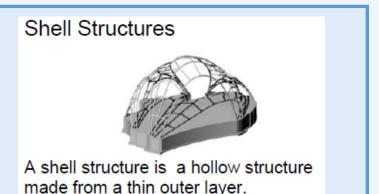


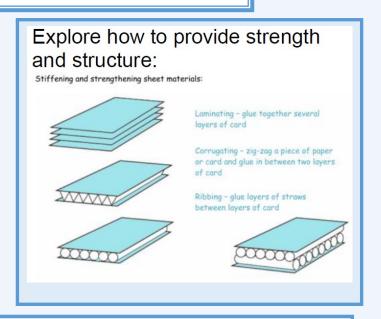
Year 3 Design Technology - Structures - Shell Structures

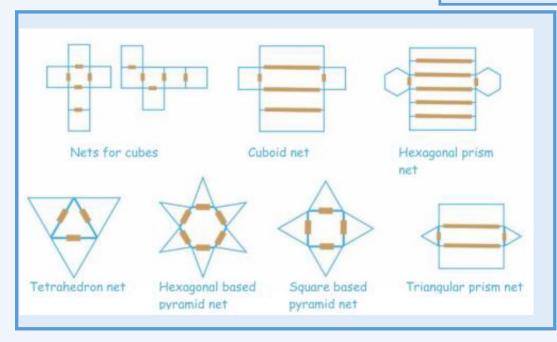


Many buildings use a shell structure

including the O2 and Shard.







Key Vocabulary

cuboid: a solid 3D shape with rectangular sides.

face: a flat surface of a geometric shape.

edge: where two surfaces meet at an angle.

net: the flat or opened-out shape of an object such as a box.

prism: A prism is a 3D shape with flat sides. The 2 ends are an equal shape

and size. The cross-section is identical.

scoring: cutting a line or mark into sheet material to make it

easier to fold.

vertex: used to refer to the corners of a solid geometric shape, where edges

meet.

CAD (Computer Aided Design): the use of computers to help in the crea-

tion, modification, analysis, or optimization of a design.