

Year 1: Structures Knowledge Mat

Subject Specific Vocabulary

stable Does not topple over easily.

strong Something that is able to withstand a lot of force.

stiff Not easily bent or able to change shape.

structure A building or other object made from several parts.

attach To join or fasten something to something else.

product A product is usually an object that is made for people to buy.

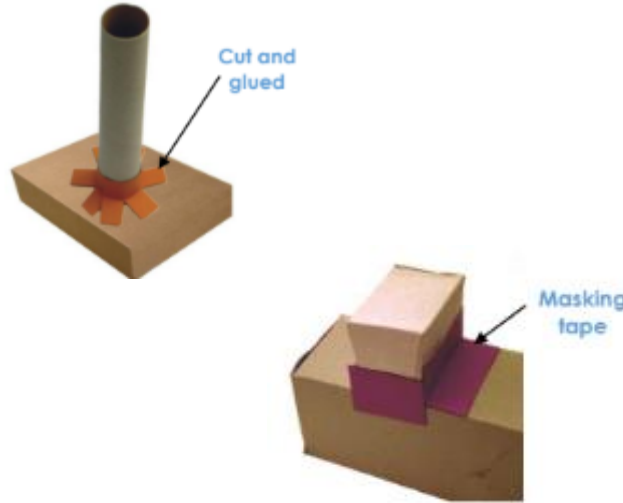
user The person or group of people that the product is made for.

purpose The reason the product is created.

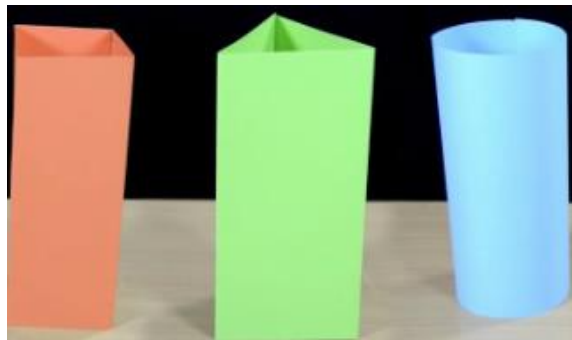
choose To pick or decide on something.

construct To build or make something.

Joining techniques



Strength and stability



Important knowledge about structures

- ☐ I know what a structure is.
- ☐ I know some natural and man-made structures.
- ☐ I know when a structure is stable.
- ☐ I know that structures with wide, flat bases or legs are the most stable.
- ☐ I can design a stable structure.
- ☐ I know what joining techniques I will use to make my structure strong, stiff and stable.
- ☐ I know what finishing techniques I will use.
- ☐ I know how to make my design even better.
- ☐ I know and select the right tools to make my structure.