

## Year 3 DT - Floating boats

| Tier 3 vocabulary. |   |
|--------------------|---|
| designer           | Someone who makes a product to suit a purpose                                   |
| purpose            | To make something for a reason, thinking carefully about what needs to be done. |
| joining            | To attach materials together.   |
| evaluate           | To judge the quality of a product.  |

### Join materials using tools



Glue gun



Hammer and nails



Hand drill



Masking tape



Saw

### Choose a material that can float.

| Sink | Float |
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When an object is put into water or another liquid, there are two forces acting on it - its weight pulling it down and up-thrust force pushing it up.

Year 1/2 - Children used tools to make a minibeast home.

Year 4/5 - children explore materials when creating bridges.