

# Everyday Materials

## Year Two Knowledge Organiser



Which materials are most suitable to make a snowmobile?

	Key Vocabulary
Material	Materials are what objects are made from.
Suitability	Suitability means having the properties which are right for a specific purpose.
Properties	This is what a material is like and how it behaves (sofy,stretchy, waterproof)
Flexible	Can change shape easily
Strong	Does not change shape even with big force
Weak	Changes shape easily with little force
Waterproof	Water cannot get into it. Plastic is waterproof
Permeable	Water can pass through it. Paper is permeable
Force	A push, pull or twist. Forces can change an object's shape or how it is moving
Solid	Does not change shape on its own Metal, wood, plastic and stone are solids

### Properties of Materials



**wood:**  
hard, stiff,  
strong, opaque,  
can be carved  
into any  
shape.



**glass:**  
waterproof,  
transparent,  
hard, smooth.



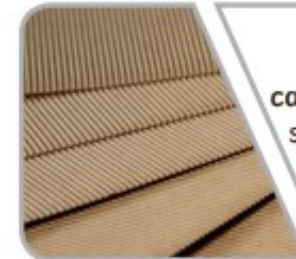
**plastic:**  
waterproof,  
strong, can  
be made to be  
flexible or stiff,  
smooth or rough.



**metal:**  
strong, hard,  
easy to wash.



**paper:**  
lightweight,  
flexible.



**cardboard:**  
strong, light,  
stiff.



**fabric:**  
soft, flexible,  
hard-wearing,  
can be stretchy,  
warm, absorbent.



**rubber:**  
hard-wearing,  
elastic, flexible,  
strong.