












# Materials Knowledge Mat

Materials	Meaning	Properties
wood 	The hard material that forms the main substance of the trunk or branches of a tree.	Hard, strong, stiff, opaque
glass 	A hard, brittle substance, typically transparent or translucent,	Transparent, smooth, stiff, waterproof, fragile
paper 	A material manufactured in thin sheets from the pulp of wood.	Translucent, flexible,
plastic 	A synthetic material made from a wide range of organic polymers.	Strong, shiny, bendy, flexible
brick 	A small rectangular block typically made of fired or sun-dried clay, used in building.	Strong, rough, hard
cardboard 	Stiff paper.	Rough, smooth, flexible
metal 	a solid material which is typically hard and shiny.	Hard, strong, shiny

## How solids can be changed.

squash 	Pushing things close together.
bend 	Changing the shape and direction.
twist 	Move in opposite directions.
stretch 	Pull to make something longer or wider.

