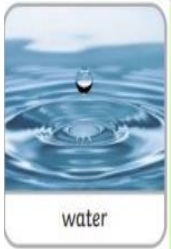



Materials



hard

not easily broken or pierced



A hard diamond.

transparent

can be seen through



This glass is transparent.

soft


not firm to the touch



The kitten has soft fur.

flexible


able to bend



A flexible spring.

waterproof

repels water and liquids



A waterproof coat.

smooth

an even and regular surface



Some smooth pebbles.

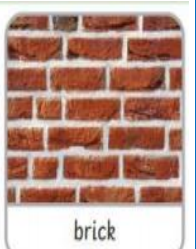
Natural Materials			Man-Made Materials		
 chalk	 sand	 organic oil	 concrete	 glass	 nylon
 leather	 iron	 gold	 paper	 synthetic rubber	 steel
 cotton	 coal	 wood	 plastic	 rayon	 polyester



Materials and Their Properties



wood, metal, brick, ice, cloth, paper, metal, water, glass, stone, plastic, leaves, glass, fabric, wool, leather, plastic



Investigate!

- How are objects similar / different based on the materials they are made from?
- How are materials similar / different to each other?
- Can you sort **natural** materials from **man-made** materials?
- What is the best material for an umbrella?
- What is the best material for a lining a dog basket?
- What is the best material for a superhero costume?
- What is the best material for curtains?
- What is the best material for a bookshelf?