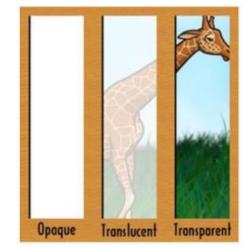
## Materials Monster Knowledge Mat

Subject	Specific Vocabulary
Materials	Something that an object is or can be made from, e.g. a saucepan can be made from metal.
Properties	The characteristics of a material, e.g. glass can be transparent. Transparent is the property.
Man made resources	A material or resource which is manufactured or made by humans often in factories. The material is not natural.
Natural resources	Natural resources are materials that are 'naturally' found around us. We may have to dig them out of the ground, grow them, or take them from living things.
Absorbent	A material which will soak up water
Waterproof	A material which does not absorb water
Rigid	A material which can not be bent, squashed, stretched, twisted
Flexible	A material which can be bent, squashed, stretched, twisted
Transparent	A material which you can see through
Opaque	A material which you can not see through







## Sticky Knowledge about Materials

- □ I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- □ I know that the shape of solid objects can be changed by squashing, bending, twisting and stretching materials
- ☐ I can describe the properties of materials using the terms waterproof, absorbent, windproof, transparent, opaque, smooth, flexible and rigid.
- ☐ I can name different materials plastic, wood, metal, glass, fabric, pottery. I can identify what some objects are made from by using my senses.
- □ I know which materials can be bent, twisted, squashed and stretched. I can use terms rigid and flexible to describe materials which can and can not be made to change shape.
- ☐ I know how metal, glass, wood and plastic can be manufactured into everyday products,