

Pashley Down Infant school—Knowledge Organiser



Year 1	Subject: Science	Focus: Materials - Animals including humans - Classification	Term: Spring
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Prior learning: What I should already know

The difference between materials and the changes they notice.
Recap the features of birds and mammals.

	Vocabulary
Material	What an object is made from
Absorbent	Material that soaks up liquid easily
Fabrics	Cloth or other material produced by weaving together cotton, wool or other thread
Opaque	You cannot see through it
Transparent	You can see through it
Waterproof	Does not let water pass through it
Flexible	Capable of bending easily without breaking.
Rough	Uneven and not smooth
Smooth	No roughness, lumps, or holes
Elastic	A rubber material that stretches when you pull it and returns to its original size and shape when you let it go
Reptile	An animal that has dry scaly skin and typically lays soft-shelled eggs on land
Human	A human being is a person like you and me
Sense	How we experience the world (through sight, sound, smell, taste and touch)

By the end of the unit I should know...

- The names of the basic parts of the human body and how these relate to our senses
- A variety of different materials, including wood, plastic, glass, metal, water and rock
- How to distinguish between an object and the material from which it is made
- The basic properties of these materials and how materials can be sorted by different properties
- The difference between waterproof and water resistant
- How much liquid a material can soak up compared with another (absorbency)
- The key features of a reptile and to understand how these features help us to classify them as reptiles
- To identify that reptiles can be carnivores, omnivores or herbivores

