

Nova's Guide to Materials

Explore the world of materials with Nova the owl! What are things made of?

- **Hard materials are strong and difficult to bend or break. We use them to build houses.**
- **Flexible materials can be bent easily without snapping. Rubber is a very flexible material.**
- **Waterproof materials stop water from passing through them. A plastic raincoat keeps you dry.**
- **Absorbent materials soak up liquids easily. A cotton towel is great for drying your hands.**
- **Durable materials last a long time without wearing out. We often use metal for tools.**

Did you know? Did you know? Some materials are transparent, which means light can pass straight through them! This is why we use glass for windows so we can see the stars clearly at night.

Key vocabulary: flexible · hard · transparent · waterproof · absorbent · durable