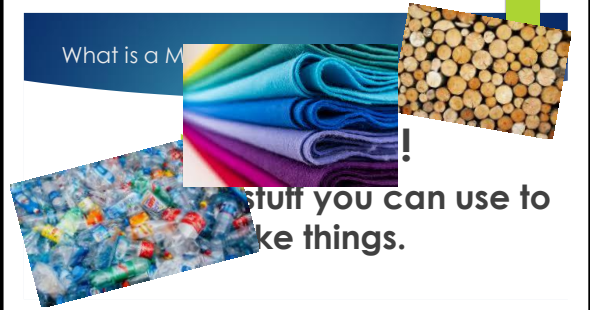


Chemistry: Materials

What is a Material?



! stuff you can use to make things.

Choosing the right materials

- There are many different materials!
- You need to choose the right material for the right job!



Why should you not make shoes out of chocolate?

Discuss with your partner!
Think of at least 3 reasons.



What materials can you make shoes from?

- Leather
- Rubber
- Fabric
- Cotton

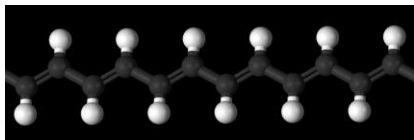


Why are these good materials?

- Flexible
- Strong (won't crack)
- Solid at room temperature
- Waterproof

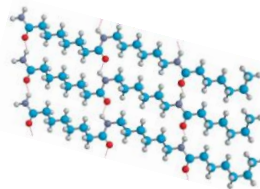
What are Polymers?

- They are very long chains of repeating molecules.



2 Types of Polymers

- **Synthetic**
- **Natural**



Natural Polymers

- Polymers that come from **nature**.
- With your partner, write down **3** natural polymers.

Synthetic Polymers

- Made by **humans**, cannot find them in nature.
- With your partner, list **3** things that are made of synthetic polymers.

Timed Readings

Take out your scripts!

- **Student A** will read their script to **Student B**
- **Student B** will use a timer (smartphone)
- Write down the time of **Student A's** presentation on the paper.
- Then switch!

