



Scrap yard scraps



Cosmic and Gem have gone to the scrap yard with Aunt Stella. They see a mouse scurrying away with a big piece of sponge in its mouth. It has lots of other scraps of materials hidden away. It might be making a nest. They wonder if the scraps will keep the mouse warm.

★ **Have you ever tried keeping things warm?**

★ **What did you use?**

Gem



I think foil will be better

Aunt Stella



I think the mouse needs to collect bubble wrap

Cosmic



I think newspaper will keep the mouse warm

★ **What do you think?**

Talk about

★ Talk to a buddy about your ideas.

★ **Your challenge**

Find out if the materials found in the scrap yard will keep the mouse warm.





Talk about

- ★ Talk to your buddy about how you will find out which is the best material for a warm mouse nest.

★ Here's one way to find out

- ★ Choose some materials.
- ★ You could wrap them round little plastic bottles filled with warm water or round warm potatoes.
- ★ What will you use to measure the temperature? You could test with your hands or you could use a thermometer. z
- ★ How can you make sure the test is fair? z



★ Share your ideas

Draw a picture of the mouse in its nest using the materials you have chosen.

★ Can you think of anything else you would like to try?

Congratulations!

You are a scrap yard scrap sorter.

Collect your stickers and get ready for your next challenge.

★ Here are some extra things to do

- ★ Find out if the materials are soft enough for a mouse nest. Do they need to be waterproof?
- ★ Find out what animals use to keep warm? Do all animals gather scraps?

