

Activity: Make a Model of the Epidermis

Tutor Notes

This is a hands on activity which enables students to begin to understand the layers of the epidermis. It's usually done at the beginning of the year too so it's a great icebreaker for new groups to get to know each other.

Options:

Create a vocab list for all the tricky words

Link it to the Skin Colour worksheet.

Equipment Required

- ✓ Clear empty plastic bottles (500ml are ideal)
- ✓ Assortment of cereals eg Cornflakes, Cheerios
- ✓ Worksheet
- ✓ Information and a diagram of the epidermis eg text book
- ✓ Camera/video to record your evidence if required
- ✓ White board and pens for quiz at the end of the task (optional)

LLN

Language: Vocabulary - lots of new words to learn; Communication to each other within a group

Literacy: Reading and identifying key points of a large piece of text; Using indexes if you have textbooks

Numeracy: Fun multiplication question

Equality & Diversity

Link to the Skin Colour Worksheet

Checking Learning

True/False questions at the end of the task using whiteboards



Make Your Epidermis!

Your task is to create a model of the epidermis.

You can use any of the items provided to make your model and create each layer.

Think creatively! Try to link the names and the shapes of each layer to something which looks or sounds similar. For example: Stratum **Corneum** – **corn**flakes, in this layer the cells become very flat which look just like cornflakes too!

Once you have completed your model, you will be asked to present it to the rest of the class. Every person in your group must describe at least one layer. You may use notes as prompts **only!**

You have 15 minutes.

Happy making!

Stretch Yourself:

If you have time, complete the following questions:

1. How many days does it take for the skin to renew itself on average?
2. How many times a year does your skin renew itself each year? By the time you are 20 years old?
3. Make up a rhyme to help you remember the order the layers of the epidermis go in.

