

Student Sheet

Our brain experiment idea

Team name

Tasty brains

First names of team members

Olivia, Harry, Noah, Amina, and Emily

School and class name

Banbury Primary School, 5 Ospreys

The question we would like to investigate is...

Why do we not want to try new foods?

We want to investigate this question because...

We all get into big arguments about having to try new food at home. None of us like the arguments and so we would like to know if what is happening in the brain when we try new foods and if this can help us get better, or maybe we should just be able to eat what we are used to.

• \ YOUR / •
- AMAZING -
• / BRAIN \ •
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We have chosen this question because we learned about...

When the scientist came to visit, we learned more about our emotions. We could imagine prehistoric people not just eating any plant they found, because they might be afraid. But if we never eat anything new, then we would just eat porridge, bananas, and yoghurt for the rest of our lives like being a baby. This could be boring.

We think that the experiment will show... (think about predictions)

We think that the brain experiment will show that being afraid about something new can change its taste.

We think a good way of doing the experiment would be... (think about testing)

We think that the person in the MRI scanner should be shown some pictures of food and then be given that food to eat, but then they shouldn't see the food they are given. Then the scientist can start to change the photo and food to be different or show no picture at all. We want to know if the person in the scanner likes food better if they know what it is first and if trying new tastes confuses the brain.

We think doing this experiment will be helpful to others because...

We think doing this experiment will be helpful because it will stop lots of arguments and help everyone be nicer to children when they are asked to try new foods.