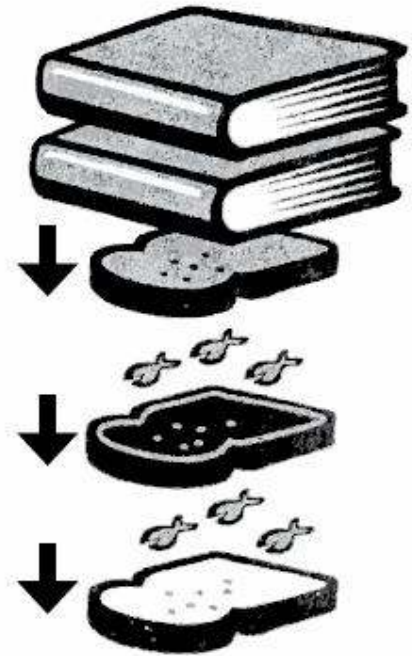


Materials

- 3 slices of bread (1 each of white, brown, seeded)
- Soft gummy sweets
- Heavy books
- Paper towels
- Magnifying lens
- Apple corer
- Plastic knife



Instructions

1. Take 3 slices of bread (1 of each type) and remove the crusts.
2. Place a piece of white bread on top of a paper towel. Put sweets on the bread.
3. Place a piece of seeded bread on top of the white bread layer.
4. Place sweets on top of the seeded bread and cover with brown bread.
5. Fold the paper towel over your bread fossil to cover it.
6. Place textbooks or other heavy objects on top of the bread to simulate pressure. Record your prediction on the next page. Leave your model for one or two days.
7. After one or two days, look at the bread fossil. Use an apple corer to extract a core sample and look at the layers.
8. Try to separate the layers of bread using the plastic knife and observe the coloured residue of the sweets in the bread fossil. Answer the questions about your results on the next page and consider the Key Questions for Discussion.

Prediction:

What will happen over the next few days?

Results:

1. What happened to bread and the sweets over time?

2. What do you think caused this?

Key Questions for Discussion:

1. What happens to animals and plants when they die?

2. What do the layers of bread and the gummy sweets represent?

3. What helps fossilisation occur?

4. Why do you think the layers are hard to separate?

5. When you remove the gummy sweets from the bread what is left behind?