



Name: Form:

Based on pages 20 and 21 of *Food, teeth and eating*

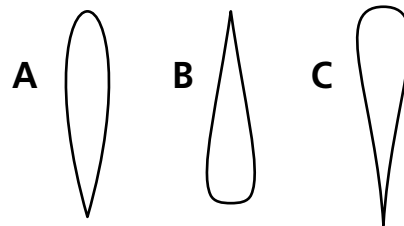
Testing stabbing teeth

Try this...

1. Many animals, such as lions and wolves, have teeth for stabbing their food.

The best stabbing shape can be found by making model teeth out of Plasticine and dropping them into flour.


2. Make the three shapes of teeth shown in the diagram. Each tooth should be about 4 centimetres long.




3. Roll each model tooth in a little plain flour. This will stop the models being sticky.

4. Fill a plastic cup with plain flour. Shake the cup to make a loose, flat surface.

5. Predict which tooth will stab the deepest, and which will make the shallowest hole.

The tooth which will stab the deepest will be 

The tooth which will make the shallowest hole will be 

6. Drop tooth A from a height of 2 centimetres above the surface of the flour.

7. Repeat step 6 four more times.

8. Examine the holes made by the tooth.

9. Repeat steps 6 to 8 with tooth B.

10. Repeat steps 6 to 8 with tooth C.

11. On a separate sheet of paper, write a report of your investigation.

Looking at the results.

12. How do your results compare with your predictions?

13. Which shape of tooth do you think is best for an animal like a lion or wolf? Explain your answer.