

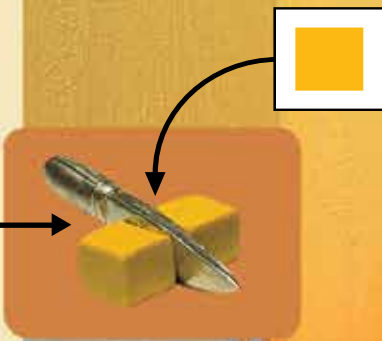
# Slice of Life

**You need** ✓ Modelling clay or play dough ✓ a plastic knife

## Activity

Charlotte the Chef is a one-chop expert. She cuts every piece of food with one straight chop of her knife.

Charlotte's cut through this block of butter creates a rectangular cross-section.



1. Make play dough or modelling clay copies of these items of food:



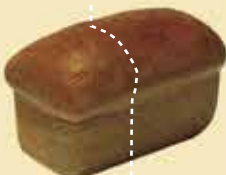
carrot



orange



potato



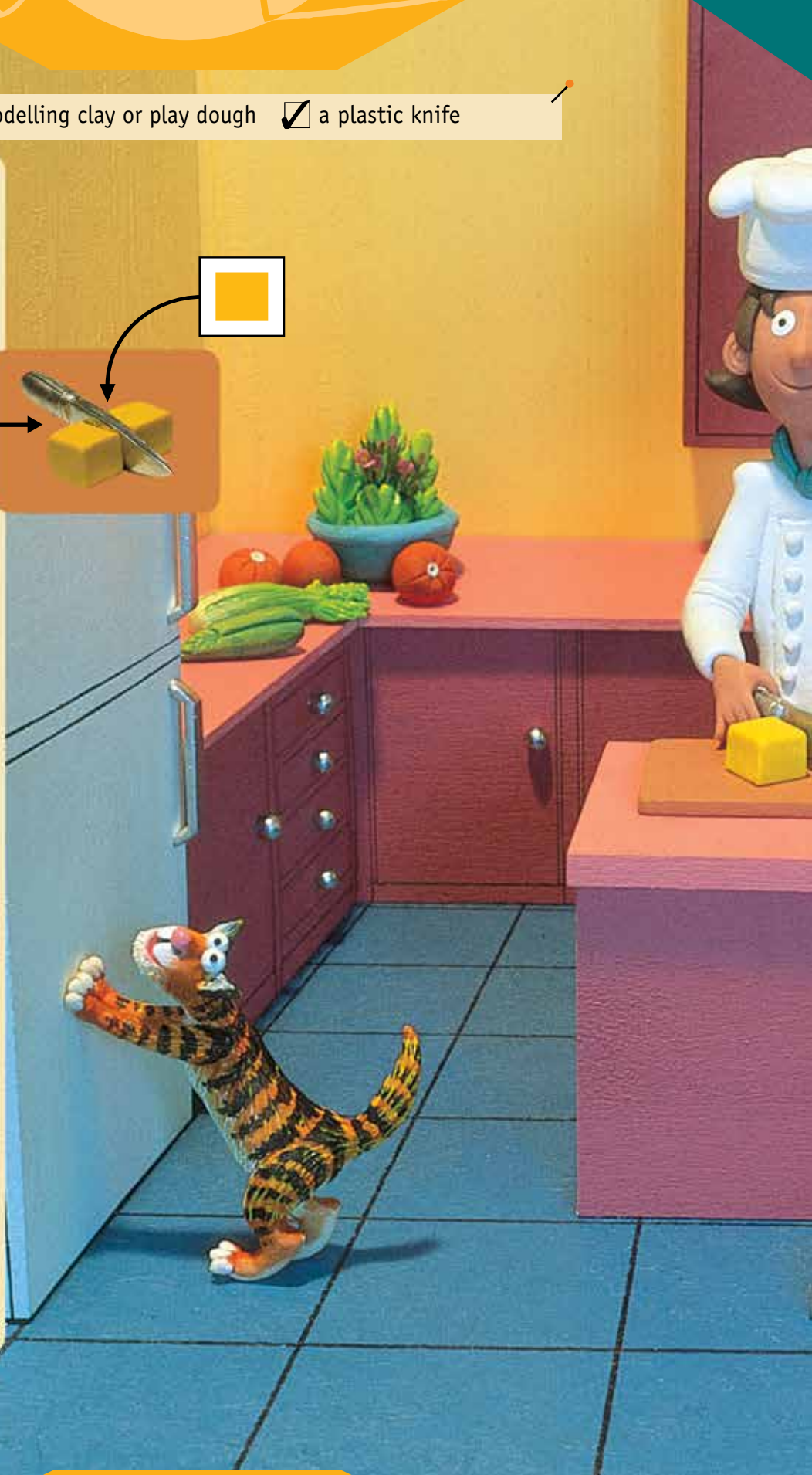
loaf of bread



block of butter

2. Predict what the section of each item will look like if each one is cut along the dotted line, as shown. Cut your modelling clay copies to check.

3. Make copies of other objects with modelling clay and investigate their sections.





**Cooked Dough**

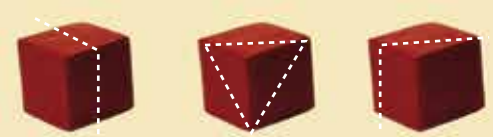
**Ingredients:**  
2 cups flour  
1 cup salt  
2 tbsp oil  
4 tsp cream of tartar  
2 cups water  
food colouring

**Method**

1. Mix all ingredients together.
2. Cook in a pot for 5 minutes over low heat, stirring all the time, until the mixture leaves the side of the pot.
3. Store in an airtight container.



4. What different sections can you make by cutting a cube with only one straight cut?



5. Investigate the sections of other solids using your modelling clay or play dough.

