

Making a survey

Collect and organise data to solve problems



Challenge 1

Work with a partner for this investigation.

How many hours did you spend watching TV after school yesterday?

- Copy the frequency table.
- Collect data from 20 people in your school and complete your frequency table.
- Write a short conclusion based on what you have found out.

Time spent watching TV	Tally	Frequency
None		
Up to 1 hour		
More than 1 hour but less than 2 hours		
2 hours or more		

Challenge 2

Work with a partner. Choose one of the following investigations to answer: Question 1 or Question 2.

You will need:

- 1 cm squared paper
- ruler

1 *How many hours did you spend playing computer games after school yesterday?*

- Copy the frequency table.
- Collect data from 20 people in your school and complete your frequency table.
- Illustrate your report with suitable diagrams or graphs and explain why you have used them.
- Write a short conclusion based on what you have found out.

Time spent playing computer games	Tally	Frequency
None		
Up to 1 hour		
More than 1 hour but less than 2 hours		
2 hours or more		

2 Which of these activities do you do outside school?

- Copy the frequency table.
- Collect data from 20 people in your school and complete your frequency table.
- Illustrate your report with suitable diagrams or graphs and explain why you have used them.
- Write a short conclusion based on what you have found out.



Activity	Tally	Frequency
Football		
Swimming		
Dance		
Something else		
No outside school activity		

Work with a partner. Survey 20 or more people in your school and ask them two questions:

A How much pocket money do you get per week?

B What do you spend most of your pocket money on?

- Design your own frequency table for **A**. Give a choice of four responses, for example: 'None', 'Less than £2', '£2 to £5', or 'More than £5'.
- Devise a questionnaire for **B**. Give a choice of four responses, for example: 'Sweets', 'Sport', 'Music' or 'Other'.
- Illustrate your report with suitable diagrams or graphs and explain why you have used them.
- Write a short conclusion based on what you have found out.

You will need:

- 1 cm squared paper
- ruler

