

Year 3 Statistics Knowledge Organiser.

| Statistics | | Knowledge Organiser | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|-------|--------------------|---------|----|--------|---|--------|---|-------|---|---------|--------------------|--------------|----|------------------|----|------------------|----|
| Key Vocabulary | Bar Charts | | | | | | | | | | | | | | | | | | | | |
| data | Bars are used to show the data in each category. There must be a gap between each bar. Bar charts can have different scales. | | | | | | | | | | | | | | | | | | | | |
| pictogram | <div style="border: 1px solid orange; border-radius: 50%; padding: 5px; display: inline-block; color: white; background-color: orange;">vertical axis</div> | <p>The scale on this bar chart counts in twos.</p> | <p>The scale on this bar chart counts in fives.</p> | | | | | | | | | | | | | | | | | | |
| symbol | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p style="color: #008080; font-weight: bold;">Favourite Fruit</p> <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <caption>Favourite Fruit Data</caption> <thead> <tr><th>Fruit</th><th>Number of Children</th></tr> </thead> <tbody> <tr><td>Bananas</td><td>10</td></tr> <tr><td>Grapes</td><td>2</td></tr> <tr><td>Apples</td><td>8</td></tr> <tr><td>Pears</td><td>6</td></tr> </tbody> </table> </div> <div style="text-align: center;"> <p style="color: #008080; font-weight: bold;">Favourite Flavour of Crisps</p> <table border="1" style="margin: 5px auto; border-collapse: collapse;"> <caption>Favourite Flavour of Crisps Data</caption> <thead> <tr><th>Flavour</th><th>Number of Children</th></tr> </thead> <tbody> <tr><td>Ready Salted</td><td>20</td></tr> <tr><td>Salt and Vinegar</td><td>24</td></tr> <tr><td>Cheese and Onion</td><td>31</td></tr> </tbody> </table> </div> </div> | | | Fruit | Number of Children | Bananas | 10 | Grapes | 2 | Apples | 8 | Pears | 6 | Flavour | Number of Children | Ready Salted | 20 | Salt and Vinegar | 24 | Cheese and Onion | 31 |
| Fruit | Number of Children | | | | | | | | | | | | | | | | | | | | |
| Bananas | 10 | | | | | | | | | | | | | | | | | | | | |
| Grapes | 2 | | | | | | | | | | | | | | | | | | | | |
| Apples | 8 | | | | | | | | | | | | | | | | | | | | |
| Pears | 6 | | | | | | | | | | | | | | | | | | | | |
| Flavour | Number of Children | | | | | | | | | | | | | | | | | | | | |
| Ready Salted | 20 | | | | | | | | | | | | | | | | | | | | |
| Salt and Vinegar | 24 | | | | | | | | | | | | | | | | | | | | |
| Cheese and Onion | 31 | | | | | | | | | | | | | | | | | | | | |
| bar chart | <div style="border: 1px solid orange; border-radius: 50%; padding: 5px; display: inline-block; color: white; background-color: orange;">horizontal axis</div> | | | | | | | | | | | | | | | | | | | | |
| horizontal axis | <div style="border: 1px solid orange; border-radius: 50%; padding: 5px; display: inline-block; color: white; background-color: orange;">The scale on the bar chart depends on the range of the data.</div> | | | | | | | | | | | | | | | | | | | | |
| vertical axis | | | | | | | | | | | | | | | | | | | | | |
| axes | | | | | | | | | | | | | | | | | | | | | |
| scale | | | | | | | | | | | | | | | | | | | | | |
| intervals | | | | | | | | | | | | | | | | | | | | | |
| table | | | | | | | | | | | | | | | | | | | | | |
| interpret | | | | | | | | | | | | | | | | | | | | | |
| visit twinkl.com | | | | | | | | | | | | | | | | | | | | | |

Statistics

Tables

In order to understand the data presented in a table, you must read the table's title and the headings. Remember to always look at the heading above each piece of information.

title → **Table to Show Ticket Prices at a Local Cinema**

| heading Ticket Type | Weekday Price | Weekend Price |
|----------------------------|---------------|---------------|
| Adult | £6 | £7.50 |
| Child | £4 | £4.50 |
| Student | £5.50 | £6 |

information →

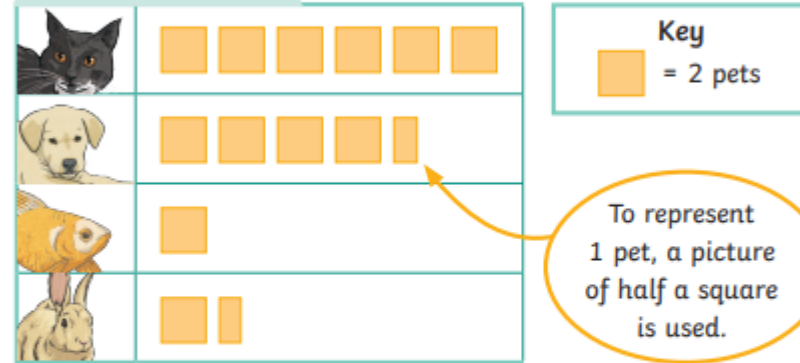
Using the table, we can see the cost of an adult and a child visiting the cinema on a Monday would be £10.

Knowledge Organiser

Pictograms

Pictograms use pictures or symbols to represent data. The key shows what each symbol represents. This pictogram uses 1 symbol to represent 2 pets.

Class A's Pets



Traffic Survey

