**Year 2 STATISTICS PRACTICE – Task 1: Tally Charts**

**Starter**: Can you name these charts and diagrams?

Which is a **Pictogram**, **Tally Chart** and **Block Diagram**?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Favourite Colour** | **Tally** | **Total** |
| Green | What is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching Wiki |  |
| Pink |  | 14 |
| Blue | What is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching Wiki |  |
| Orange  |  | 17 |
| Purple  | What is a Tally Chart? - Twinkl Teaching Wiki | 9 |
| Yellow | What is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching Wiki | 20 |

This Tally Chart is unfinished. Can you complete it?

Which is the most popular colour?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Which is the least popular colour?

How many more people chose orange over blue?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What else does the Tally Chart show you?

**Year 2 STATISTICS PRACTICE – Task 1: Tally Charts**

Carefully read the text below. Then read it again, highlighting the key information and numbers. Complete the Tally Chart to show the information you have read.

James asked everyone in his class what their favourite sport was. Ten people chose football and three people chose rugby. Bella and Katy chose dance and eight people said tennis. James’ favourite sport is cricket.

Title – What was James finding out?

|  |  |  |
| --- | --- | --- |
|  | Tally | Total |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

What does the data in your Tally Chart show you?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Year 2 STATISTICS PRACTICE – Task 2: PICTOGRAMS**

Look carefully at the Pictograms below and answer the questions.

Key: = 1



Five apples were sold on Sunday. Complete the Pictogram to show this.

How many apples were sold on Friday? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What was the total amount of apples sold on Monday and Tuesday? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The shop sold the most apples on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The least amount of apples were sold on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



Which pet got the most votes? \_\_\_\_\_\_\_\_\_\_\_\_\_

Which pet got the smallest amount of votes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many people chose cats as their favourite pet? \_\_\_\_\_\_\_

\_\_\_\_\_\_\_ people voted for Hamsters.

**Year 2 STATISTICS PRACTICE – Task 2: PICTOGRAMS**

Create a Pictogram using the Tally chart below.

|  |  |  |
| --- | --- | --- |
| **Easter Eggs eaten** | **Tally** | **Total** |
| Monday | What is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching Wiki | 7 |
| Tuesday | What is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching Wiki | 10 |
| Wednesday | What is a Tally Chart? - Twinkl Teaching Wiki | 5 |
| Thursday | What is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching Wiki | 3 |
| Friday | What is a Tally Chart? - Twinkl Teaching WikiWhat is a Tally Chart? - Twinkl Teaching Wiki | 4 |

Pictogram:

|  |  |
| --- | --- |
| **Day** | **Easter Eggs Eaten** |
| Monday |  |
| Tuesday |  |
| Wednesday  |  |
| Thursday  |  |
| Friday |  |



**Key: = 1**

What was the total amount of Easter Eggs eaten on Monday, Tuesday and Thursday?

Number Sentence: \_\_\_\_\_ + \_\_\_\_\_\_ + \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_

**Year 2 STATISTICS PRACTICE – Task 3: Block Diagrams**

 Look carefully at the Block Diagrams below and fill in the gaps in the sentences.



The most popular subject was \_\_\_\_\_\_\_\_\_\_\_\_\_because it got \_\_\_\_\_\_\_ votes.

The least popular subject is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as it has \_\_\_\_\_\_\_ votes.

Eight people voted for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Four people voted for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The subject that got 6 votes was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Class \_\_\_\_\_ collected the least house points.

Class \_\_\_\_ have the most house points.

Class 5 have got \_\_\_\_\_ fewer house points than Class 2.

**Year 2 STATISTICS PRACTICE – Task 3: Block Diagrams**

Create a Block Diagram using the Tally Chart below.



  **A Block Diagraph to show Birthdays in different months**



**Year 2 STATISTICS PRACTICE- TABLET FRIENDLY GAMES**

All games can be found on the Topmarks website: <https://www.topmarks.co.uk/maths-games/5-7-years/data-handling>

Block Diagrams/Bar Chart Practice:

<https://mathsframe.co.uk/en/resources/resource/51/bar_charts>

Pictogram Practice:

<http://toytheater.com/fishing/>

<http://toytheater.com/fruit-fall/>

<https://www.softschools.com/math/data_analysis/pictograph/games/>

Tally Chart Practice:

<https://www.softschools.com/math/data_analysis/tally_chart/>

Interpreting Data on Block Diagrams, Pictograms and Tally Charts:

<http://flash.topmarks.co.uk/4771>