

Year 2 Data Handling Maths Toolkit Activities

Activity 1 – Sorting in groups

Activity Approach

- Whole class approach

Resources

- Activity Sheet 2.1a
- Activity Sheet 2.1b
- Balloons

Instructions

1. Take out the balloon.
2. Students go out of their places in groups of four and draw their own balloon in the correct group according to the colour. This activity can be carried on the interactive whiteboard or on a chart where it can later be displayed.
3. Discuss the term group and count how many balloons of the same colour are in each group.
4. Finish Activity Sheet 2.1a by drawing the students' balloons in the correct groups.
5. Take out Activity Sheet 2.1b and draw each bird in the correct group according to its colour.
6. Write in the box how many birds there are in each group.

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Activity 2 – Sorting coins

Activity Approach

- Groups of 4

Resources

- Activity Sheet 2.2
- Coins

Instructions

1. Pupils in groups get a bag with different coins ranging from 1c to € 2.
2. Pupils sort the coins according to their colour: copper or gold.
3. Pupils draw the coins in the correct group in the first part of Activity Sheet 2.2.
4. Pupils sort the coins by value, this time those less than 20c in one group and those more than or equal to 20c in another group.
5. Pupils finish Activity Sheet 2.2.

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Activity 3 – Block graphs

Activity Approach

- Whole class approach

Resources

- Activity Sheet 2.3
- Real fruits or pictures of fruits from apples, oranges, grapes, bananas and kiwi

Instructions

1. Pupils are given Activity Sheet 2.3.
2. Pupils take out the fruit brought from home or a picture of fruit.
3. Those pupils who got an apple get out of their place and go in front of the class.
4. Pupils count the amount of students who got an apple and write the number in the box provided.
5. In the block graph, pupils colour a square for each apple.
6. Steps 2 – 4 are repeated for the other fruits.
7. Pupils finish Activity Sheet 2.3.

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Activity 4 – Block graphs

Activity Approach

- Whole class approach

Resources

- Activity Sheet 2.4a
- Activity Sheet 2.4b
- Pieces of paper in the form of squares to be fitted on a block graph to form a chart.
- Colours

Instructions

1. Each pupil is given a square and colours it using his/her favourite colour crayon.
2. Teacher calls those students which have the same colour and each one of them sticks his/her piece of paper on top of each other to form a block graph.
3. This process is repeated for the other colours.
4. Teacher discusses with pupils the information displayed on block graph.
5. Students are given Activity Card 2.4b to sort the balls by colour and then finish the block graph.

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Activity 5 – Interpreting a pictograph

Activity Approach

- Individual work

Resources

- Activity sheet 2.5

Instructions

- 1.** Teacher gives Activity Sheet 2.5 to pupils.
- 2.** Pupils have to count how many castles with a yellow flag and a yellow door they can see and for each castle they see, they have to draw their own castle near the yellow colour.
- 3.** Pupils repeat for the other colours.
- 4.** Teacher will then discuss the pictograph with pupils.