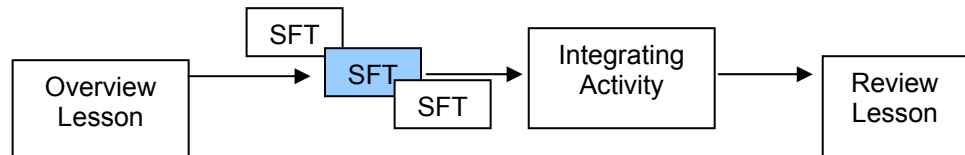


create a pictogram from information

QCA Unit: 1E



Resources

Print out of fruit images
Large sheet of paper
Blue Tack

Software you could use:

2Count

Support files:

My Pictures Guide in 2Count.pdf
Fruit.ppt or transport.ppt
banana.jpg, apple.jpg, orange.jpg, pear.jpg, kiwi.jpg, strawberry.jpg OR
bike.jpg, car.jpg, bus.jpg, walking.jpg, train.jpg.

Setting the scene: (5 mins)

Share the learning objective with the class.
Explain that today they are going to carry out a class survey on favourite fruit and then make this into a pictogram.

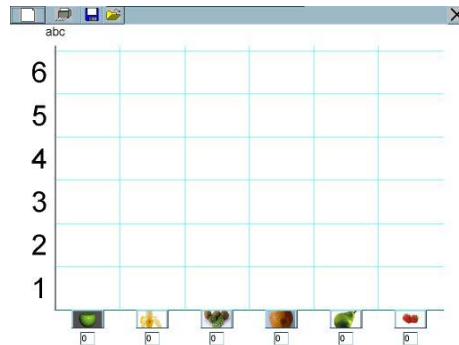
Main Input (20-30 mins)

Away from the computer

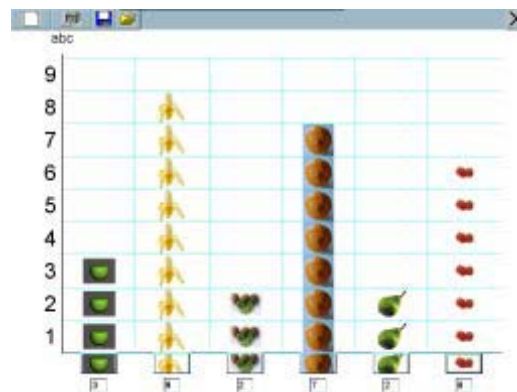
Show the class the fruit images or fruit.ppt. Ask them all to decide which of these their favourite fruit is. Stick each of the fruit images onto the large sheet of paper. Ask each child to come up and write their name or initials underneath the picture of their favourite fruit. At the end count up the names for each of the pieces of fruit and record the total.

At the computer

Show the class the pre-prepared 2Count file. (Refer to My pictures in 2Count.pdf guide on how to create this)



Demonstrate to the class how to now enter this data into 2Count. For example if 7 people chose apple then we need to click the apple icon 7 times to get 7 pictures. Remind the children of the need to move the mouse to the correct square and to then do 1 short firm click. Repeat for another fruit and then ask a couple of children to come up and complete the other fruit information.



Activity – short focussed task (5-10 mins)

Each child is given the opportunity to produce the same pictogram using the information provided and 2Count. Ask some children to print out their pictograms to be used for a display and the review and recall section of the lesson.

Review and recall (10 mins)

Bring the class together and review the learning objective. Ask some of the children to show their pictograms to the rest of the class, emphasise the areas children might need more practice with. Ask similar questions to those below making sure to reiterate the key vocabulary listed below.

Key questions to ask and to display:

What information does our pictogram show?
What title could we give to the pictograms?
Which fruit was the most popular?
Which was the least?
What things do we have to be careful about when creating our pictogram on the computer?

Vocabulary:

Pictogram, information, select, click.

Teaching Points:

Some children may experience difficulty associating a written number with the number of clicks required to ensure the correct data is entered.

This activity links well with Geography Unit 1 – Around Our School. You may wish to alter this lesson to collecting information on how the children instead of their favourite fruit. Transport images have also been provided to import into 2Count, as well as a transport.ppt support file.

Extension Activity:

Children can survey other classes and year groups to discover how they get to school and then enter this data into 2Count to create a second pictogram, which can be compared to their own class's information.

Assessment Opportunities:

Can the children create a Pictogram on the computer from the numeric data given?

What comes next:

Classifying information and creating a pictogram. Lesson 4 "Shapes"