

Discussion Problems

Step 2: Draw Pictograms (1-1)

National Curriculum Objectives:

Mathematics Year 2: (2S1) [Interpret and construct simple pictograms, tally charts, block diagrams and simple tables](#)

About this resource:

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 2 Statistics](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Draw Pictograms (1-1)

1. Rosie and Josh are drawing pictograms using the statements below. Their pictograms are different, but both are correct.

Summer is the most popular.

Half the people that like summer chose autumn.

Winter was more popular than spring.

Between 25 and 45 people were asked.

Spring was the least popular.

No more than 15 people said summer was their favourite.

Winter	
Spring	
Summer	
Autumn	

 = 1 person

Investigate the different ways Rosie and Josh can complete their pictograms.

DP

2. Tilly and Matt visit the park with their class. They count the rides that they see and each make a tally chart.

Park Rides	Tally
Swing	
Slide	
Sandpit	
Seesaw	

Park Rides	Tally
Roundabout	
Slide	
Climbing Frame	
Swing	

Tilly and Matt both want to draw a pictogram, but Matt drops his chart in a puddle!

Explore what Matt's pictogram could look like if he counts 27 rides in total. Use Tilly's tally chart to help you.

DP

