

# Shepherd's Class Outdoor Mathematics Reasoning Activity June 2024

On Thursday 20<sup>th</sup> June, the children took part in the St. Mary's Summer Term Mathematics Reasoning Day. The focus for this term's activity was outdoor mathematics. In Shepherd's Class we combined mathematics data handling with our previous science topic: Classification. The aim of the activity



was to look at the different habitats within the school grounds to see which contained the highest diversity of invertebrates. Each pair of children were given a hoop and had to choose three different habitats where they would place them. Once the children had placed the hoop within the habitat they then had to use a classification key to identify the different species found

within its area. When they had recorded all of species, they then moved their hoop to a different habitat and repeated the process.

After completing the survey, the children used PurpleMash to create different graphs representing their data, They also learnt how to create pie charts manually using compass and protractor skills. When the graphs/charts were completed, the children had to write some questions which could be asked about the data their graphs showed.

