

## **Maths and Forest Schools 2023 - 2024**

Children in Forest Schools will be using their maths skills in many ways.

- Children enjoy counting stones and sticks etc., counting when playing games like hide and seek.
- Compare whether they have more than or less than.
- Using tools to saw wood – children will be using fractions to describe how they have cut the wood into halves and quarter etc. as well as 50%, 25% of the log. We also talk about percentages when having group discussions on making decisions.
- Children enjoy playing on a see-saw they have constructed. They enjoy trying to balance either side using themselves as weights but can also use wood etc. to weight. They enjoy estimating which log will be heavier or which child will be heavier/lighter and balancing equations.
- Children enjoy sharing familiar events in their life using the correct sequence/chronology of events. Children use language relating to dates, days or the week, weeks, months and years.
- Children enjoy playing with sticks. They talk about length and which stick is the longest, shortest, biggest, smallest.
- Children talk about the temperature during their time in Forest School and a thermometer is up in the cabin for them to use. This also teaches negative numbers.
- Children talk about time in regard to morning, afternoon, how long till lunch, how long till home time as well as darker earlier and light later etc. during the different seasons.
- Children enjoy making patterns in Forest Schools using leaves, sticks etc.
- Children use positional language in Forest schools through playing games as well as role play. They also enjoy drawing and using maps, some of which will have coordinates on.
- The mud kitchen encourages measurement using jugs, measuring spoons etc. as well as percentages ie 50% full, 25% full etc.
- There is unlimited problem solving in Forest Schools both individually and in peer groups.
- Children are able to look at and identify shapes in the environment.
- There are opportunities when data may be collected – types of trees/plants, how many etc.