

This pack contains five activities that are suitable for either 5th or 6th class pupils. The numbers in the questions may have to be adapted to suit the class and the time of year that they are completed. These five activities are suitable for use in the classroom but can be adapted for use outdoors.

Prior to completing the activities teachers should pre-plan their questions ensuring that the questions they ask will promote mathematical thinking. Examples of questions are given with each activity but the list below also shows some question stems:

- ⇒ Explain how you....
- ⇒ What would happen if I changed this number....
- ⇒ Is there another way you could do it? Show me.
- ⇒ If you did it again what would you do differently/keep the same?
- ⇒ Draw it.

One of the main emphasis of these activities should be on **language** and allowing pupils to talk about what they are doing using the correct mathematical vocabulary. The teacher needs to lead by example by always modelling the correct language and reason their own mathematical thoughts out loud.

Remember to register your school at www.mathsweek.ie and check for any events that may be happening in your area!