**Orienteering Lesson Plan**

You will need OS maps and compasses!

**Session 1 (first half of parade night)**

* **Scales**
* **OS map symbols**
* **6-figure grid reference**
* **Bearings**

**Scales:**

* Teach the Cadets about different map scales and how to convert them:
  + 1:25000 1cm = 250m e.g. walking
  + 1:50000 1cm = 500m e.g. walking
  + 1:1000000 1cm = 10km e.g. flying
  + On an OS map, 1 square = 1km

**OS map symbols**

* Ask the Cadets what type of information is displayed on an OS map (e.g. types of symbols)- write a list on the board
* Get the Cadets to look at a map and add to this list

**Grid references**

* Teach the Cadets how to take a 6-figure grid reference
* Do some practice examples on the board

**Bearings**

* Using a compass, teach the Cadets how to take a bearing from their location to an object in the distance

**Session 2 (second half of parade night)**

* **Bearings exercise**
* **OS map symbols exercise**

**Bearing exercise**

* Divide the Cadets into groups of 2 or 3 and give each group a compass and an exercise card.
* Using the information they learnt in session 1, instruct them to go outside and fill in their cards.

**OS map symbols exercise**

* Divide the Cadets into 2 teams and give each team a set flash cards and a sheet to fill in their answers.
* It is a race as to which team can name all the symbols first!