



# Knowledge Organiser

## OAA Year 4

### About this Unit

OAA stands for Outdoor Adventurous Activities. These activities can be land based e.g. rock climbing, abseiling, orienteering, they can be water based e.g. kayaking, surfing, sailing or air based e.g. parachuting or paragliding. All of these activities require problem solving, collaboration, decision making and teamwork skills. In this unit, you will learn these skills put them into practise in different orienteering activities.

### Map Reading

When orienteering it is important to be able to read a map. Map reading skills help you to figure out where you are and how to get to where you want to go.

Maps show us all of the amazing places on our planet, from towering mountains to sparkling rivers and bustling cities.

Reading a map is like solving a puzzle. A map often has a key which contains an explanation of what the different symbols on the map mean. When you learn to read these symbols, you can unlock the secrets of the map and understand what it is telling you.



### Key Vocabulary



**collaborate:** work jointly with others

**communicate:** share information

**effectively:** achieving a desired outcome

**instructions:** information to guide a task

**key:** information given to help identify objects on a map

**leader:** a person who guides others

**navigate:** to plan or follow a route

**orientate:** to turn a map so that it always faces the same way as the ground it represents

**reflect:** to think back on the experience

**role:** the job given to each person

**solve:** to find an answer

**symbol:** a sign, shape or object representative of different features on a map e.g. a triangle for a mountain

**teamwork:** working with others to succeed

### Ladder Knowledge



#### Problem solving:

Discussing the advantages and disadvantages of ideas will help to guide you to a conclusion about which idea to use.

#### Navigational skills:

Using a key and cardinal points on a map will help you to orientate it.

#### Communication:

There are different types of communication that you can use. This could be visual, verbal or physical. This means you can communicate without talking.

#### Reflection:

Critically reflecting on when and why you are successful at solving challenges will help you to improve in future challenges.

### Movement Skills

- balance
- co-ordination
- run at speed
- run over distance

This unit will also help you to develop other important skills.

**Social** communication, co-operation, collaboration

**Emotional** determination, resilience, honesty, trust, confidence

**Thinking** problem solving, evaluation, reflection, create, select and apply

### Rules

Working with integrity means following the rules even when no-one else is watching. By having good integrity, we gain trust from others, learn to be dependable and form positive relationships.

### Healthy Participation



- Listen carefully to safety rules for each challenge considering the space, equipment and other people.
- Work safely around others.

If you enjoy this unit why not see if there is an orienteering club in your local area.



How will this unit help your body?

balance, co-ordination, speed, stamina

### Home Learning

Find more games that develop these skills in the Home Learning Active Families tab on [www.getset4education.co.uk](http://www.getset4education.co.uk)

### At a stretch

**What you need:** Three pieces of paper and a measuring tape (optional).

#### How to play:

- Begin standing on one piece of paper.

**Challenge:** How far away from the paper you are standing on, can you place one of the other pieces of paper?

#### Rules:

- You must remain in contact with the paper you are standing on throughout the challenge.
- You cannot throw or kick any of the paper.
- You cannot touch the floor around you.

Playing against someone else? Who can place the paper furthest away?

**Plan, do and reflect. You have 3 minutes to practise before you measure.**

