



# Advice for coaches

This programme of support is designed to help pupils currently achieving level 3 in mathematics to attain level 4.

The **school organiser**, under whose guidance you will work, manages the programme. You, the **coach**, will support an individual pupil or a group of two or three pupils, all of whom are working towards the same target.

The school organiser will:

- explain how the support is organised and how you can help the pupils assigned to you;
- explain the structure of a unit and how to use it;
- show you a video of a coach working with pupils;
- make sure that you know which pupils you are supporting;
- make sure that you have the resources that you need;
- make all of the arrangements for places and times to meet with pupils;
- explain what to do if you meet any problem.

The school organiser should give you:

- a copy of 'Advice for coaches' (this booklet);
- for each pupil, a completed copy of the form 'Information for the coach' (see page 3);
- for each pupil, a copy of the coach's feedback form (see page 4).

# How the programme works

The school organiser will make sure that you:

- have the names of pupil(s), the place and time of meetings and the appropriate *Mathematics challenge* materials;
- are familiar with essential school procedures and what to do if something goes wrong.

## Before you start

- Make sure that you understand the unit and spend a little time reading it, thinking about possible questions.
- Make sure that you are clear about the pupil's mathematics target.
- Ask the organiser if you have any doubts.

## Working with the pupil

- Make sure that the pupil understands their target and what they are trying to achieve.
- Explain new ideas.
- Work with the pupil on some examples.
- Check the pupil's understanding.
- Plan small steps of progress, always checking back to make sure that new learning is secure.
- Take account of the pupil's responses and, in discussion with the organiser or class teacher, adjust the sessions.
- Give the pupil some examples to practise between sessions.
- Keep a note on the coach's feedback form of where you are up to and what the next steps are.
- Refer any problems – big or small – to the organiser.

## Has the pupil achieved their target?

- Use the key questions as a guide.
- Try to mix number questions and simple problems.

## At the end

- Praise the pupil on their achievements.
- Note the pupil's successes and weaknesses on the coach's feedback form and return it to the school organiser.



# Information for the coach

School organiser: \_\_\_\_\_

Coach: \_\_\_\_\_

Pupil: \_\_\_\_\_

Class/group: \_\_\_\_\_

## Target/unit

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## Timetable

Day(s)/dates: \_\_\_\_\_

Times: \_\_\_\_\_

Places: \_\_\_\_\_

## Notes

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