

Section 3

Level 3 to level 4 lessons

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These lessons are designed to support teachers working with Year 7 pupils who need to consolidate work at level 3 and extend into level 4. They are not appropriate for the majority of pupils in Year 7 who are already secure at level 4 and who are working on the main teaching programme. When using the lessons, teachers need to take into account pupils' prior knowledge and experience of the topics.

The lessons focus on teaching strategies to address the stated learning objectives. They are quite detailed. Many teachers will not need this detail, but less-experienced, non-specialist and supply teachers are offered close guidance to help them address pupils' needs. The lessons also provide support for teaching assistants working under the supervision of a teacher.

The lessons are organised in units of work corresponding to the Year 7 intervention plan (see section 2). The order of the units is designed to ensure progression. Similarly, the lessons in a unit need to be followed in order: N1.1, N1.2, N1.3, and so on. Maintaining the order will help to ensure progression, building up pupils' understanding systematically during the year. Where it is possible to fit in additional lessons, these can be slotted in at any point where pupils would benefit from consolidation.

Each lesson includes material to support about 30 to 40 minutes of direct teaching. The remaining time is used for practice and consolidation, using materials drawn from *Springboard 7* or other sources.

Lesson starters provide opportunities to recall previously learned facts and to practise skills. Some of the starters introduce ideas that are then followed up in the main part of the lesson.

The main activities refer to other tasks for pupils based on *Springboard 7* resource materials. You can choose from these, or from other activities, to provide consolidation at any point in the main part of a lesson and also to provide homework. Alternatively, you could complete the main part of a lesson by:

- extending your questioning of pupils;
- increasing the number of examples that you demonstrate;
- setting a test question for pupils to try.

It is important that during pupils' independent activities you continue to teach by rectifying any misconceptions and explaining key points.

Use the final plenary to check pupils' learning against the lesson objectives. These define what pupils need to know and be able to do in order to reach level 4 in mathematics.

When you are preparing to use the lessons, read them through using a highlighter pen to mark key teaching points and questions. You can then refer to these quickly while you are teaching. Annotate the lesson plan to fit the needs of your pupils.

You will need to prepare overhead projector transparencies (OHTs) and occasional handouts. You also will need to select and prepare *Springboard 7* or other resources, matched to pupils' needs, to provide practice and consolidation during the lesson and for homework. Where appropriate, you can offer groups of pupils practice materials that vary in their level of demand, depending on pupils' knowledge and the security of their learning.

Acknowledgement

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