Year 7 - De Lisle Advent Term Assessments 2026

Subject	Mathematics		
Title/Topic	**Format**	**Length**	**WC**
Paper 1 - Non-Calculator	Written Paper	45 minutes	16th Nov
Paper 2 - Calculator Allowed	Written Paper	45 minutes	23rd Nov

In this Advent assessment I will be asked to show I can…

You will sit **two assessment papers** in the Advent term. Each assessment will be of equal challenge but they will progress in difficulty through the paper. They will test you on your understanding of the concepts studied so far in Year 7 which build upon your study in primary school. The **core concepts** you will be tested on are listed below, but this is not an exclusive list as questions may draw on any content we have covered so far in Year 7.

Unit 1 - Sequences Core Concepts

- Describe and continue sequences
- Find the next terms in linear and non-linear sequences
- Describe term to term rules
- Find missing terms

Unit 2 - Algebraic Notation and substitution Core Concepts

- Complete one-step function machines (number and algebra)
- Find the function machine given a simple expression
- Complete two-step function machines (number and algebra)
- Substitute values into one and two-step expressions

Unit 3 - Equality & Equivalence Core Concepts

- Recognise like and unlike terms
- Solve one-step equations involving +, -, x or ÷
- Solve two-step equations
- Simplify algebraic expressions by collecting like terms

Unit 4 - Place Value, Ordering and Rounding Core Concepts

- Write integers in numerals and words
- Round integers to the nearest power of ten
- Compare and order integers and decimals
- Understand place value for integers and decimals
- Position decimals on a number line
- Round a number to 1 or 2 decimal places.
- Write a number between ordinary form and standard form

Unit 5 – Four operations

- Add and subtract integers and decimals
- Multiply and divide by 10, 100 and 1000
- Multiply by 0.1 and 0.01
- Multiply and divide integers and decimals
- Use the correct order of operations

What should I do to revise and prepare for this assessment?

1. **Complete your revision workbook** that your teacher has provided you. You should work through all the questions in your revision workbook, checking your work using the answers provided. You could ask your parent or relative to check your work with you and discuss the areas you need to revisit. This revision workbook must be completed in full and handed in to your teacher for checking the day of your first assessment.
2. **Read carefully through your lesson notes** in each workbook. Look out for the key information that you have written down or highlighted that your teacher said was an important learning point.
3. **Study the knowledge organisers** for the units being tested. They can be found at the back of each of the workbooks that you have completed so far and also in your revision booklet. You should use the technique of **'look, cover, check'**

What useful websites/resources could I use to help me prepare?

www.sparxmaths.uk

- In your revision booklet there are Sparx code links to most of the topics. You will need to go to the Independent learning section rather than homework on Sparx, Choose Key Stage 3 from the drop-down curriculum tab and choose level 2 – you can change this level if the questions are too easy/too hard. Type the code in from the revision booklet to get questions on that particular small step. Good luck!