

# **Year 7 Report Domains**

## **Autumn 2001/2022**





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Guide to Grades		
Descriptor	SIMS Code	Description
Significant strength	1	A deep understanding of complex knowledge structures Has the capacity for skilful performance A very high success rate
Secure understanding	2	A good foundation for future learning Secure understanding of concepts and key vocabulary New knowledge bonds to existing knowledge
Some gaps	3	There is some confusion or uncertainty, but this can be addressed by further practice, review, revisiting and re-teaching
Cause for concern	4	Gaps in knowledge are preventing the acquisition of further learning



RE		
Ref	Key Knowledge	Next Steps
1	Identify different communities that they belong to and the advantages of belonging to a community	<a href="http://request.org.uk">Resources - RE:quest (request.org.uk)</a>
2	Recall key parts of the creation story in Genesis.	<a href="http://request.org.uk">Resources - RE:quest (request.org.uk)</a> <a href="http://request.org.uk">Resources - RE:quest (request.org.uk)</a>
3	Attributes of God.	<a href="#">Characteristics of God - God - GCSE Religious Studies Revision - WJEC - BBC Bitesize</a> <a href="http://thenational.academy">The Nature of God (thenational.academy)</a>
4	Explain miracles of Jesus.	<a href="http://request.org.uk">Resources - RE:quest (request.org.uk)</a>
5	Recall of prior learning: communities	<a href="http://request.org.uk">Resources - RE:quest (request.org.uk)</a>
6	Recall of prior learning: creation	<a href="http://request.org.uk">Resources - RE:quest (request.org.uk)</a>
7	Recall of prior learning: Jesus	<a href="http://thenational.academy">The life of Jesus (thenational.academy)</a>



Maths Set 1/2		
Ref	Key Knowledge	Next Steps
1	Convert between ordinary numbers and standard form	<a href="#">Standard Form Video</a> <a href="#">Standard Form Textbook Exercise</a>
2	Begin to understand the concept of bounds when rounding to the nearest 10, 100 and 1000	<a href="#">Rounding Textbook Exercise</a>
3	Multiply and divide decimals using formal written methods	<a href="#">Dividing by Decimals video</a> <a href="#">Dividing by decimals Textbook Exercise</a> <a href="#">Dividing Decimals by Integers video</a> <a href="#">Dividing Decimals by Integers Textbook Exercise</a> <a href="#">Multiplying Decimals Video</a> <a href="#">Multiplying Decimals Textbook Exercise</a>
4	Use rounding to significant figures to estimate in simple problems	<a href="#">Rounding Significant Figures</a> <a href="#">Rounding Significant Figures Textbook Exercise</a>
5	Solve worded problems involving the lowest common multiple	<a href="#">Lowest Common Multiples Video</a> <a href="#">LCM Textbook Exercise</a>
6	Find the area of triangles and trapeziums	<a href="#">Area of Triangle Video</a> <a href="#">Area of Trapezium Video</a> <a href="#">Area of Triangle Textbook Exercise</a> <a href="#">Area of Trapezium Textbook Exercise</a>
7	Find the area of compound shapes made from rectangles	<a href="#">Area - L Shape Video</a> <a href="#">Compound shapes video</a> <a href="#">Area - L Shape Textbook Exercise</a> <a href="#">Compound Shapes Textbook Exercise</a> <a href="#">Area - L Shape Textbook Exercise</a> <a href="#">Compound Shapes Textbook Exercise</a>
8	Find missing angles in special types of triangles	<a href="#">Angles in Triangles Video</a> <a href="#">Angles in Triangles Textbook Exercise</a>
9	Find unknown interior angles in any regular or irregular polygon	<a href="#">Interior Angles in Polygons Video</a> <a href="#">Interior Angles in Polygons Textbook Exercise</a>



Maths Set 3		
Ref	Key Knowledge	Next Steps
1	Use alternate, corresponding and co-interior angles to find missing angles in parallel lines	<a href="#">Angles in Parallel Lines Video</a> <a href="#">Angles in Parallel Lines Textbook Exercise</a>
2	Round numbers to a given decimal place	<a href="#">Rounding to a Decimal Place video</a> <a href="#">Rounding to a Decimal Place Textbook Exercise</a>
3	Multiply and divide integers using formal methods	<a href="#">Multiplication Video</a> <a href="#">Multiplication Textbook 1</a> <a href="#">Multiplication Textbook 2</a> <a href="#">Using Calculations video</a>
4	Use one calculation to solve another	
5	Multiply and divide decimals using formal methods	<a href="#">Dividing by Decimals video</a> <a href="#">Dividing Decimals by Integers video</a> <a href="#">Multiplying Decimals Video</a> <a href="#">Dividing by decimals Textbook Exercise</a> <a href="#">Dividing Decimals by Integers Textbook Exercise</a> <a href="#">Multiplying Decimals Textbook Exercise</a>
6	Find HCF and LCM of a set of numbers	<a href="#">LCM Video</a> <a href="#">HCF video</a> <a href="#">Product of Primes (LCM/HCF) video</a> <a href="#">LCM Textbook Exercise</a> <a href="#">HCF Textbook Exercise</a> <a href="#">Product of Primes (HCF/LCM) Textbook Exercise</a>
7	Convert between metric measures	<a href="#">Metric Measures - Length Video</a> <a href="#">Metric Measures - Mass Video</a> <a href="#">Metric Measures - Capacity video</a> <a href="#">Converting Metric Measures Textbook Exercise</a>
8	Calculate the area and perimeter of compound shapes made from rectangles	<a href="#">Area - L Shape Video</a> <a href="#">Compound shapes video</a> <a href="#">Perimeter on a Grid Video</a> <a href="#">Area - L Shape Textbook Exercise</a> <a href="#">Compound Shapes Textbook Exercise</a> <a href="#">Perimeter on a Grid Textbook Exercise</a>
9	Calculate the area of triangles	<a href="#">Area of Triangle Video</a> <a href="#">Area of Triangle Textbook Exercise</a>
10	apply the sum of angles at a point, on a straight line and vertically opposite angles	<a href="#">Angles at a point video</a> <a href="#">Angles on a Straight Line Video</a> <a href="#">Vertically Opposite Angles Video</a> <a href="#">Angles at a point Textbook Exercise</a> <a href="#">Angles on a Straight Line Textbook Exercise</a> <a href="#">Vertically Opposite Angles Textbook Exercise</a>

# Maricourt Catholic High School

Key areas of knowledge and skills  
Year 7 Autumn Term 2021



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11	find unknown angles in a triangle and quadrilateral	<a href="#">Angles in Quadrilaterals Video</a> <a href="#">Angles in Triangles Video</a> <a href="#">Angles in Quadrilaterals Textbook Exercise</a> <a href="#">Angles in Triangles Textbook Exercise</a>
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Maths Set 4/5		
Ref	Key Knowledge	Next Steps
1	Understand decimal place value	<a href="#">Place Value Video</a> <a href="#">Place Value Textbook Exercise</a>
2	Order decimals, including in context	<a href="#">Ordering Decimals Video</a> <a href="#">Ordering Decimals Textbook Exercise</a>
3	Round to the nearest whole number	<a href="#">Rounding to Whole Numbers Video</a> <a href="#">Rounding to Whole Numbers Textbook Exercise</a>
4	Round to a given number of decimal places	<a href="#">Rounding to Decimal Places video</a> <a href="#">Rounding to Decimal Places Textbook Exercise</a>
5	Use formal written methods to multiply numbers by a single digit integer	<a href="#">Multiplication Video</a> <a href="#">Multiplication Textbook 1</a>
6	List the multiples and factors of a given number	<a href="#">Factors video</a> <a href="#">Multiples Video</a> <a href="#">Factors Textbook Exercise</a> <a href="#">Multiples Textbook Exercise</a>
7	Solve worded problems involving the lowest common multiple	<a href="#">Lowest Common Multiples Video</a> <a href="#">LCM Textbook Exercise</a>
8	Find the missing length of a shape when given the perimeter	<a href="#">Perimeter Video</a>
9	Find the area of rectangles	<a href="#">Area of Rectangle Video</a> <a href="#">Area of Rectangle Textbook Exercise</a>
10	Find the area of triangles.	<a href="#">Area of Triangle Video</a> <a href="#">Area of Triangle Textbook Exercise</a>
11	Find unknown angles in a triangle and a quadrilateral	<a href="#">Angles in Quadrilaterals Video</a> <a href="#">Angles in Triangles Video</a> <a href="#">Angles in Quadrilaterals Textbook Exercise</a> <a href="#">Angles in Triangles Textbook Exercise</a>





English		
Ref	Key Knowledge	Next Steps
1	Communication and development of ideas	Century Tech: EK8.04
2	Tone, purpose and audience	Century Tech: EK8.04
3	Correct use of paragraphing	Century Tech: EK10.01 EK10.02
4	Sense of whole text structure	Century Tech: EK4.01 EK 4.04
5	Range of vocabulary	Century Tech: EK0.05
6	Accurate use of spelling, punctuation and sentences structures.	Century Tech: SPAG0.01 SPAG0.02 SPAG0.03 SPAG0.04
7	Knowledge of the genre	<a href="https://classroom.thenational.academy/units/creative-writing-short-stories-cb59">https://classroom.thenational.academy/units/creative-writing-short-stories-cb59</a> <a href="https://classroom.thenational.academy/units/gothic-literature-8196">https://classroom.thenational.academy/units/gothic-literature-8196</a>



Art		
Ref	Key Knowledge	Next Steps
1	Control of line	<a href="#">Maricourt Catholic High School</a> slide 1 <a href="#">Maricourt Catholic High School</a> slides 1, 5, 12, 15
2	Application of tone	<a href="#">Maricourt Catholic High School</a> slide 1 <a href="#">Maricourt Catholic High School</a> slides 2-7
3	Sculptural skills	<a href="#">Maricourt Catholic High School</a> slide 2 <a href="#">Maricourt Catholic High School</a> slide 13
4	Response to artists	<a href="#">Maricourt Catholic High School</a> slide 2 <a href="#">Maricourt Catholic High School</a> slides 8,9, 10, 11, 16, 17

(To access files marked “VLE Link” please log in to the Maricourt VLE)

Computing		
Ref	Key Knowledge	Next Steps
1	File and folder management	<a href="https://www.bbc.co.uk/bitesize/guides/z9n9q6f/revision/2">https://www.bbc.co.uk/bitesize/guides/z9n9q6f/revision/2</a> <a href="#">File and folder management (VLE Link)</a>
2	Types of input, output and storage devices	<a href="https://www.youtube.com/watch?v=CBf-jln44X0">https://www.youtube.com/watch?v=CBf-jln44X0</a> <a href="#">Input, output and storage (VLE Link)</a>
3	Hardware components	<a href="#">Hardware Components (VLE Link)</a>
4	Network hardware	<a href="#">Network hardware (VLE Link)</a>
5	Binary and denary conversions (4 Bit)	<a href="https://www.youtube.com/watch?v=2Z03p3yhGmk">https://www.youtube.com/watch?v=2Z03p3yhGmk</a> <a href="#">Binary and denary conversions (4 Bit) (VLE Link)</a>
6	Software	<a href="https://www.bbc.co.uk/bitesize/guides/zcxqr82/revision/1">https://www.bbc.co.uk/bitesize/guides/zcxqr82/revision/1</a> <a href="#">Software (VLE Link)</a>
7	Uses of application software	<a href="https://www.bbc.co.uk/bitesize/guides/zcxqr82/revision/3">https://www.bbc.co.uk/bitesize/guides/zcxqr82/revision/3</a> <a href="#">Use of application software (VLE Link)</a>

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Drama		
Ref	Key Knowledge	Next Steps
1	Understanding of basic drama skills e.g. facing the audience	<a href="https://www.bbc.co.uk/bitesize/guides/zsf8wmn/revision/1">https://www.bbc.co.uk/bitesize/guides/zsf8wmn/revision/1</a>
2	Act out improvised drama and pretend to be someone they're not	Practice role-play at home. Refer to Face Body Space <a href="https://www.bbc.co.uk/bitesize/guides/zts9xnb/revision/1">https://www.bbc.co.uk/bitesize/guides/zts9xnb/revision/1</a>
3	Perform with confidence in front of class	Rehearse continuously. Perform in front of friends first and build up to whole class <a href="https://www.bbc.co.uk/teach/what-makes-a-great-theatre-actor/zhdcsqw">https://www.bbc.co.uk/teach/what-makes-a-great-theatre-actor/zhdcsqw</a>
4	Can discuss own work and that of others	Refer to resources section of: <a href="https://www.rhinegold.co.uk/wp-content/uploads/2015/10/TDAU1_1617_scheme-KS3_Year7-intro-to-drama.pdf">https://www.rhinegold.co.uk/wp-content/uploads/2015/10/TDAU1_1617_scheme-KS3_Year7-intro-to-drama.pdf</a>



Food Nutrition		
Ref	Key Knowledge	Next Steps
1	Spell and understand the key words	<a href="#">Information sheets and knowledge organiser (VLE Link)</a>
2	Practical skills – Working safely, hygienically and with independence in practical lessons	<a href="#">Recipes for year 7 food and nutrition (VLE Link)</a>
3	Understand the importance of staple foods in the diet	<a href="#">Powerpoints – Lesson 3 Staple foods (VLE Link)</a>
4	Understand some scientific principles behind the function of ingredients and how they work	<a href="#">Powerpoints – Lesson 5 Functions of ingredients (VLE Link)</a>

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Geography		
Ref	Key Knowledge	Next Steps
1	Global Oceans and continents	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Geography Skills and Geography of the world <b>Test yourself aiming for 75% plus</b>
2	Global mountains and rivers	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Geography Skills and Geography of the world <b>Test yourself aiming for 75% plus</b>
3	UK Physical Geography	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Geography Skills and Geography of the world <b>Test yourself aiming for 75% plus</b>
4	Mapping using grid references	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Geography Skills and Geography of the world <b>Test yourself aiming for 75% plus</b>
5	Height and scale on maps	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Geography Skills and Geography of the world <b>Test yourself aiming for 75% plus</b>
6	OS map symbols	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Geography Skills and Geography of the world <b>Test yourself aiming for 75% plus</b>



History		
Ref	Key Knowledge	Next Steps
1	Pupils understand the different types of sources and analyse them to support their knowledge	<a href="#">Half Term 1\7.1 History Skills Liv Pre 1066 (VLE Link)</a> <a href="#">History\Half Term 2 (VLE Link)</a>
2	Pupils evaluate the key historical events of this time and show clear subject knowledge in their work e.g. The formation of Liverpool, Contenders to Throne in 1066, and Norman consolidation of power	<a href="#">Half Term 1\7.1 History Skills Liv Pre 1066 (VLE Link)</a> <a href="#">History\Half Term 2 (VLE Link)</a> <a href="https://classroom.thenational.academy/units/how-did-a-norman-become-king-of-england-ccc3">https://classroom.thenational.academy/units/how-did-a-norman-become-king-of-england-ccc3</a>
3	Pupils demonstrate knowledge of key concepts and skills e.g. interpretation, consequence, significance, and chronology.	<a href="#">Half Term 1\7.1 History Skills Liv Pre 1066 (VLE Link)</a>
4	Pupils support their answer with the use of statistics, individuals, dates, and evidence (SIDE)	<a href="#">Half Term 1\7.1 History Skills Liv Pre 1066 (VLE Link)</a> <a href="#">History\Half Term 2 (VLE Link)</a>
5	Pupils write with clear historical comprehension demonstrating good spelling, punctuation, and grammar through their work.	<a href="#">Half Term 1\7.1 History Skills Liv Pre 1066 (VLE Link)</a> <a href="#">History\Half Term 2 (VLE Link)</a>

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Music		
Ref	Key Knowledge	Next Steps
1	Elements of Music: Aural	<a href="#">Elements (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
2	Elements of Music: Knowledge and Understanding	<a href="#">Elements (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
3	Rhythm: notation of crotchets, quavers, minims, semiquavers	<a href="#">Elements (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
4	Rhythm: performance from notation	<a href="#">Rhythm (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
5	Rhythm: aurally identifying rhythms	<a href="#">Rhythm (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
6	Rhythm: aurally identifying rhythms	<a href="#">Rhythm (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music

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PE		
Ref	Key Knowledge	Next Steps
1	Practical Performance	Be able to use core skills/ techniques competently in unopposed practices and apply basic tactics and strategies to beat opponents in a conditioned situation. <a href="#">Knowledge organisers (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
2	Creativity	Be able to use basic choreographic skills to develop a performance. Perform a sequence with some control and fluency. Attend extra- curricular sports and physical activity clubs.
3	Leadership	Lead 2-4 others in a warmup and a small group in a simple skill practice. Attend extra- curricular sports and physical activity clubs.
4	Performance Analysis	Assess a peer's performance and give feedback identifying strengths and areas for improvement. <a href="#">Knowledge organisers (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
5	Healthy Active Lifestyle	Explain how the body reacts during different types of physical activity. Identify the major parts of systems within the body. <a href="#">Knowledge organisers (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
6	Rules and Officiating	Describe and apply the main the rules and regulations whilst officiating in competitive situations. <a href="#">Knowledge organisers (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
7	Teamwork and Values	To work individually or cooperatively with others to achieve success fairly and within the rules of the game. Attend extra- curricular sports and physical activity clubs.

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Product Design		
Ref	Key Knowledge	Next Steps
1	Safety in the workshop, soldering electronic circuits	Record information on sheet 4 Letts textbook pages 206,207
2	Understanding how electronic components function	Ks3 letts textbook pages 134 to 155 Sheet 3,4
3	Understanding and using Key words in electronics and mapping your ideas	S textbook pages 8,9 and 134 to 155 plus 213 Use the internet electronic sites
4	Correct naming of tools and equipment used	Letts textbook pages 82 to 88 plus 210 Use the internet sites
5	Designing the celebration card	Sheets 6 and 7 let's textbook pages 22 to 28
6	Designing using ICT computer software	2D Design package practice pieces in students folders
7	Testing and evaluation during and after	Sheet 11 and 12. Letts textbook pages 14 and 15.





Science		
Ref	Key Knowledge	Next Steps
1	Solids, liquids and gases and the particle theory	<a href="#">Solids, liquids and gases - BBC Bitesize</a> <a href="#">Solids, liquids and gases - BBC Bitesize</a> <a href="#">Solids - Solids, liquids and gases - KS3 Chemistry Revision - BBC Bitesize</a> <a href="#">Solids, Liquids and Gases (thenational.academy)</a>
2	Describe what gas pressure is	<a href="#">Gas pressure - BBC Bitesize</a> <a href="#">Gas pressure (thenational.academy)</a>
3	Use data to predict states of matter	<a href="#">Changes of state - BBC Bitesize</a> <a href="#">Changes of State (thenational.academy)</a>
4	<b>Prior learning:</b> KS2 - Solids, liquids and gases	<a href="#">Unit - Oak National Academy (thenational.academy)</a>



Spanish		
Ref	Key Knowledge	Next Steps
1	Greetings and introductions Numbers 1-31 Key language to describe age and birthdays.	numbers: <a href="https://www.quia.com/jg/1793419.html">https://www.quia.com/jg/1793419.html</a> <a href="https://www.quia.com/rr/545775.html">https://www.quia.com/rr/545775.html</a> <a href="https://www.quia.com/rr/583200.html">https://www.quia.com/rr/583200.html</a> <a href="https://app.memrise.com/course/28856/los-numeros-2/">https://app.memrise.com/course/28856/los-numeros-2/</a> <a href="https://app.memrise.com/course/1182257/numeros-0-100/">https://app.memrise.com/course/1182257/numeros-0-100/</a> name: <a href="https://app.memrise.com/course/1302644/como-te-llamas/">https://app.memrise.com/course/1302644/como-te-llamas/</a> months: <a href="https://www.quia.com/pp/196123.html">https://www.quia.com/pp/196123.html</a>
2	Key language to describe siblings, pets and colours. Adjectives and adjectival agreement.	Pets: <a href="https://app.memrise.com/course/1073672/tienes-animales/">https://app.memrise.com/course/1073672/tienes-animales/</a> <a href="https://quizlet.com/gb/310727941/module-1-tienes-mascotas-do-you-have-pets-flash-cards/">https://quizlet.com/gb/310727941/module-1-tienes-mascotas-do-you-have-pets-flash-cards/</a>  Siblings: <a href="https://app.memrise.com/course/1020777/tienes-hermanos/">https://app.memrise.com/course/1020777/tienes-hermanos/</a> colours: <a href="https://www.quia.com/jg/1793399list.html">https://www.quia.com/jg/1793399list.html</a> <a href="https://app.memrise.com/course/1094467/de-que-color-es/">https://app.memrise.com/course/1094467/de-que-color-es/</a> pets and colours: <a href="https://app.memrise.com/course/473334/los-animaleslos-colores-yr8/">https://app.memrise.com/course/473334/los-animaleslos-colores-yr8/</a>

(Memrise links require you to log in with the account provided by your language teacher.)

Textiles		
Ref	Key Knowledge	Next Steps
1	Spell and understand key words	<a href="#">Knowledge Organisers (VLE Link)</a>
2	Understands the role of a designer	<a href="#">Knowledge Organisers (VLE Link)</a>
3	Ability to analyse a product	<a href="#">PowerPoint and Knowledge Organisers (VLE Link)</a>
4	Write a product specification	<a href="#">Powerpoint Specification (VLE Link)</a>
5	Create original design ideas	<a href="#">Powerpoint Specification (VLE Link)</a>

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