

# **Year 9 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	Explain how religious experiences lead to belief in God.	<a href="#">GCSE RS Unit 3.1 (Part 1 of 3) Reasons to Believe in God (YouTube)</a>
2	Demonstrate knowledge of types of evil and how they challenge religious belief.	<a href="#">GCSE RS Unit 3.1 (Part 2 of 3) Reasons for Atheism (YouTube)</a>
3	Explain how Catholics respond to the problem of evil.	<a href="#">GCSE RS Unit 3.1 (Part 3 of 3) Catholic Response to Atheism (YouTube)</a>
4	Explain contrasting views about abortion in UK society.	<a href="#">GCSE RS Unit 3.2 (Part 3 of 5) Abortion (YouTube)</a>
5	Explain Catholic teachings about abortion.	<a href="#">GCSE RS Unit 3.2 (Part 3 of 5) Abortion (YouTube)</a>
6	Recall of knowledge of philosophical reasons for belief in God.	Knowledge organiser on the school website. <a href="#">GCSE - How do you revise? (Mind map) - YouTube</a> <a href="#">GCSE RS Unit 3.1 - Belief in God in 5 Minutes   by MrMcMillanREvis - YouTube</a>
7	Recall of knowledge of issues around the sanctity of life.	Knowledge organiser on the school website. <a href="#">GCSE - How do you revise? (Mind map) - YouTube</a>
8	Evaluation skills.	<a href="#">Structuring 'discuss/evaluate' questions (thenational.academy)</a>



Maths Set 1		
Ref	Key Knowledge	Next Steps
1	Ordering numbers in standard form	<a href="#">Standard Form Video – Corbettmaths</a> <a href="#">Standard Form (corbettmaths.com)</a>
2	Calculating with standard form	<a href="#">Standard Form: Addition Video – Corbettmaths</a> <a href="#">Standard Form: Multiplication Video – Corbettmaths</a> <a href="#">Standard Form: Division Video – Corbettmaths</a> <a href="#">Standard Form (corbettmaths.com)</a>
3	Multiplication and division of decimals	<a href="#">Multiplying decimals Video – Corbettmaths</a> <a href="#">Division by decimals Video – Corbettmaths</a> <a href="#">Dividing decimals by whole numbers Video – Corbettmaths</a> <a href="#">Decimals multiplying (corbettmaths.com)</a>
4	Simplifying indices	<a href="#">Indices Video – Corbettmaths</a> <a href="#">Indices (corbettmaths.com)</a>
5	Evaluating negative and fractional indices	<a href="#">Negative indices Video – Corbettmaths</a> <a href="#">Fractional Indices Video – Corbettmaths</a> <a href="#">Fractional negative indices (corbettmaths.com)</a>
6	Simplifying surds	<a href="#">Surds Video – Corbettmaths</a> <a href="#">Surds (corbettmaths.com)</a>
7	Four operations with fractions	<a href="#">Adding fractions same denominator Video – Corbettmaths</a> <a href="#">Fractions: Addition and Subtraction Video – Corbettmaths</a> <a href="#">Division with fractions Video – Corbettmaths</a> <a href="#">Multiplying Fractions Video – Corbettmaths</a> <a href="#">Fractions same denominator (corbettmaths.com)</a> <a href="#">Addition of Fractions (corbettmaths.com)</a> <a href="#">Multiplying Dividing Fractions (corbettmaths.com)</a>
8	Plot a linear graph	<a href="#">Drawing Graphs using Gradient and Intercept Video – Corbettmaths</a> <a href="#">Drawing Linear Graphs (corbettmaths.com)</a>
9	Expand and factorise quadratic expressions	<a href="#">Factorising Quadratics 1 Video – Corbettmaths</a> <a href="#">Factorising Quadratics (corbettmaths.com)</a>

Maricourt Catholic High School  
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10	Express in completed square form	<a href="#">Completing the Square Video – Corbettmaths</a> <a href="#">Completing the Square (corbettmaths.com)</a>
11	Simplify an algebraic fraction by factorising	<a href="#">Simplifying algebraic fractions Video – Corbettmaths</a> <a href="#">Algebraic Fractions (corbettmaths.com)</a>



Maths Set 2/3		
Ref	Key Knowledge	Next Steps
1	Using formal methods to multiply and divide integers and decimals	<a href="#">Multiplying decimals Video – Corbettmaths</a> <a href="#">Division by decimals Video – Corbettmaths</a> <a href="#">Dividing decimals by whole numbers Video – Corbettmaths</a> <a href="#">Decimals multiplying (corbettmaths.com)</a>
2	Changing to and from standard form	<a href="#">Standard Form Video – Corbettmaths</a> <a href="#">Standard Form (corbettmaths.com)</a>
3	Calculating with roots and indices	<a href="#">Square Roots Video – Corbettmaths</a> <a href="#">Indices Video – Corbettmaths</a> <a href="#">Square numbers and Square roots (corbettmaths.com)</a> <a href="#">Indices (corbettmaths.com)</a>
4	Using the laws of indices for multiplication and division	<a href="#">Laws of Indices – Algebra Video – Corbettmaths</a> <a href="#">Laws of indices algebra (corbettmaths.com)</a>
5	Using BIDMAS in calculations	<a href="#">Order of Operations Video – Corbettmaths</a> <a href="#">Order of Operations (corbettmaths.com)</a>
6	Ordering fractions, decimals and percentages	<a href="#">Ordering Fractions, Decimals and Percentages Video – Corbettmaths</a> <a href="#">Ordering FDP (corbettmaths.com)</a>
7	Apply the four operations to fractions, including mixed numbers	<a href="#">Adding fractions same denominator Video – Corbettmaths</a> <a href="#">Fractions: Addition and Subtraction Video – Corbettmaths</a> <a href="#">Division with fractions Video – Corbettmaths</a> <a href="#">Multiplying Fractions Video – Corbettmaths</a> <a href="#">Fractions same denominator (corbettmaths.com)</a> <a href="#">Addition of Fractions (corbettmaths.com)</a> <a href="#">Multiplying Dividing Fractions (corbettmaths.com)</a>
8	Take out factors to factorise an expression	<a href="#">Factorisation Video – Corbettmaths</a> <a href="#">Factorisation (corbettmaths.com)</a>

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9	Expand the product of two binomials	<a href="#">Expanding Two Brackets Video – Corbettmaths</a> <a href="#">Expanding two brackets (corbettmaths.com)</a> <a href="#">Expanding two brackets (corbettmaths.com)</a>
10	Plot a linear graph using a table of values	<a href="#">Drawing graphs using xy tables Video – Corbettmaths</a> <a href="#">Drawing Linear Graphs (corbettmaths.com)</a> <a href="#">Drawing Linear Graphs (corbettmaths.com)</a>





Maths Set 4/5		
Ref	Key Knowledge	Next Steps
1	Add and subtract fractions with different denominators	<a href="#">Fractions: Addition and Subtraction Video – Corbettmaths</a> <a href="#">Addition of Fractions (corbettmaths.com)</a>
2	Multiply and divide fractions and integers	<a href="#">Multiplying Fractions Video – Corbettmaths</a> <a href="#">Division with fractions Video – Corbettmaths</a> <a href="#">Multiplying Dividing Fractions (corbettmaths.com)</a>
3	Find equivalent fractions, decimals and percentages	<a href="#">Key Fractions, Decimals, Percentages Video – Corbettmaths</a> <a href="#">Fractions Decimals Percentages (corbettmaths.com)</a>
4	Multiply a single term over a single bracket	<a href="#">Expanding Brackets Video – Corbettmaths</a> <a href="#">Expanding Brackets (corbettmaths.com)</a>
5	Take out common factors to factorise	<a href="#">Factorisation Video – Corbettmaths</a> <a href="#">Factorisation (corbettmaths.com)</a>
6	Substitute negative integers into expressions and formulae	<a href="#">Substitution into Expressions Video – Corbettmaths</a> <a href="#">Substitution (corbettmaths.com)</a>
7	Simplify expressions involving multiplication and division	<a href="#">Multiplying algebraic fractions Video – Corbettmaths</a> <a href="#">Dividing Algebraic Expressions Video – Corbettmaths</a> <a href="#">Multiplying Terms (corbettmaths.com)</a> <a href="#">Dividing Terms (corbettmaths.com)</a>
8	Use a table of values to plot graphs of simple linear functions	<a href="#">Drawing graphs using xy tables Video – Corbettmaths</a> <a href="#">Drawing Linear Graphs (corbettmaths.com)</a>
9	Identify the gradient and y intercept from an equation	<a href="#">y=mx+c Video – Corbettmaths</a> <a href="#">Equation of a Line (corbettmaths.com)</a>



English		
Ref	Key Knowledge	Next Steps
1	Understanding and development of ideas in texts	Century Tech: EK0.01
2	Comparison of writers' ideas and methods	Century Tech: EK0.02
3	Use of references	Century Tech: EK0.03
4	Analysis of language and structure and their effects	Century Tech: EK1.03 EK6.03
5	Use of subject terminology	Century Tech: EK0.02
6	Links with context	<a href="https://www.bbc.co.uk/bitesize/guides/z8kyg82/revision/">https://www.bbc.co.uk/bitesize/guides/z8kyg82/revision/</a>
7	Use of PETAL	Century Tech: EK6.01 EK6.02 EK6.03 EK6.04



Art		
Ref	Key Knowledge	Next Steps
1	Drawing Skills	<a href="#">Maricourt Catholic High School (VLE Link)</a> slide 1-2 <a href="#">Maricourt Catholic High School (VLE Link)</a> slide 1-17
2	Application of tone	<a href="#">Maricourt Catholic High School (VLE Link)</a> slide 1-2 <a href="#">Maricourt Catholic High School (VLE Link)</a> slide 1-17
3	Application of colour	<a href="#">Maricourt Catholic High School (VLE Link)</a> slide 1-2 <a href="#">Maricourt Catholic High School (VLE Link)</a> slide 18-23
4	Use of Pattern	<a href="#">Maricourt Catholic High School (VLE Link)</a> slide 1-2 <a href="#">Maricourt Catholic High School (VLE Link)</a> slide 12-23

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Computing		
Ref	Key Knowledge	Next Steps
1	Hardware components	<a href="#">Hardware Components (VLE Link)</a>
2	Operating Systems	<a href="#">Operating systems (VLE Link)</a>
3	Utility software	<a href="https://www.youtube.com/watch?v=m6acF6MfYwA">https://www.youtube.com/watch?v=m6acF6MfYwA</a> <a href="#">Utility software (VLE Link)</a>
4	Application Software	<a href="https://www.bbc.co.uk/bitesize/guides/zcxgr82/revision/3">https://www.bbc.co.uk/bitesize/guides/zcxgr82/revision/3</a> <a href="#">Application software (VLE Link)</a>
5	Types of primary memory	<a href="https://www.bbc.co.uk/bitesize/clips/ztgw7ty">https://www.bbc.co.uk/bitesize/clips/ztgw7ty</a> <a href="#">Primary memory (VLE Link)</a>
6	Secondary storage and capacities	<a href="#">Secondary storage and capacities (VLE Link)</a>
7	Binary (8 bit), denary and hex conversions	<a href="#">Binary (8 bit), denary and hex conversions (8 Bit) (VLE Link)</a>
8	Ethical, Environmental and Privacy issues in Computer Science	<a href="#">Ethical, Environmental and Privacy issues in Computer Science (VLE Link)</a>

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Food Nutrition		
Ref	Key Knowledge	Next Steps
1	Spell understand key words and knowledge	<a href="#">Information sheets and knowledge organiser (VLE Link)</a>
2	Practical skills – Make a range of food products demonstrating good food hygiene and safety awareness	<a href="#">Recipes for year 9 food and nutrition (VLE Link)</a>
3	Understand the importance of the 4 C's and temperature control in food safety	<a href="#">Powerpoints – Food Poisoning poisoning and source signs and information sheets – Food safety and the 4 C's</a>
4	Understand basic principles of nutrition and the specific needs of teenagers	<a href="#">Powerpoints – Lesson 4 – nutrition and energy balance</a>
5	Planning skills – ability to plan and follow a flow chart to be independent in lessons	Planning skills

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Geography		
Ref	Key Knowledge	Next Steps
1	Population and urbanisation key terminology	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Global population and inequality and Urbanisation <b>Test yourself aiming for 75% plus</b>
2	Population statistics and population growth	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Global population and inequality and Urbanisation <b>Test yourself aiming for 75% plus</b>
3	The growth of Dubai (case study)	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Global population and inequality and Urbanisation <b>Test yourself aiming for 75% plus</b>
4	Impacts and responses to mega city growth	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Global population and inequality and Urbanisation <b>Test yourself aiming for 75% plus</b>
5	Renewable and non-renewable energy sources	Visit <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a> and log in (you may need to sign up) select KS3 Geography Topic Global population and inequality and Urbanisation <b>Test yourself aiming for 75% plus</b>



History		
Ref	Key Knowledge	Next Steps
1	Pupils show an understanding of chronology of events in the Inter War Years and Germany 1918-39.	<a href="#">History\Half Term 1</a> <a href="#">History\Half Term 2</a>
2	Pupils show clear understanding of prior knowledge in Year 7 and 8 and make links to it.	<a href="#">Year 7\History</a> <a href="#">Year 8\History</a> <a href="https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/history">https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/history</a> <a href="https://classroom.thenational.academy/units/how-far-did-the-assassination-cause-the-first-world-war-f270">https://classroom.thenational.academy/units/how-far-did-the-assassination-cause-the-first-world-war-f270</a>
3	Pupils evaluate the key historical events of this time and show clear subject knowledge on the Inter War Years, Weimar Republic and Nazi Germany in their work	<a href="#">History\Half Term 1 (VLE Link)</a> <a href="#">History\Half Term 2 (VLE Link)</a> <a href="https://classroom.thenational.academy/units/what-kind-of-peace-was-made-in-1919-c6c6">https://classroom.thenational.academy/units/what-kind-of-peace-was-made-in-1919-c6c6</a> <a href="https://classroom.thenational.academy/units/why-did-the-league-of-nations-fail-a797">https://classroom.thenational.academy/units/why-did-the-league-of-nations-fail-a797</a> <a href="https://www.bbc.co.uk/bitesize/clips/zxn39">https://www.bbc.co.uk/bitesize/clips/zxn39</a>
4	Pupils support their answer with the use of statistics, individuals, dates, and evidence (SIDE)	<a href="#">History\Half Term 1 (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="#">History\Half Term 1 (VLE Link)</a> <a href="#">History\Half Term 2 (VLE Link)</a>

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Music		
Ref	Key Knowledge	Next Steps
1	Film Music: understanding elements of music used to create emotion in films	<a href="#">Film Music (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
2	Film Music: performing leitmotifs	<a href="#">Film Music (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
3	Film Music: aurally identifying and describing how music is used to effect	<a href="#">Film Music (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
4	Samba: history and context	<a href="#">Samba (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
5	Samba: performance of claves, polyrhythms, call and response and unison rhythms	<a href="#">Samba (VLE Link)</a> Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
6	Samba: composition of claves, polyrhythms, call and response and unison rhythms	<a href="#">Samba (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 a combination of core skills/ techniques competently in opposed practices and apply a range of tactics and strategies to beat opponents in a competitive situation. <a href="#">Knowledge organisers \Remote Learning\Year 9\PE (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
2	Creativity	Use choreographic skills to develop and enhance movement. Perform advanced skills with precision, control and fluency. <a href="#">Knowledge organisers \Remote Learning\Year 9\PE (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
3	Leadership	Lead a competitive skill development practice that can be made more or less challenging for a small group or team.
4	Performance Analysis	Evaluate own and others work against a perfect model giving feedback on skill and tactic/ compositional development. <a href="#">Knowledge organisers \Remote Learning\Year 9\PE (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
5	Healthy Active Lifestyle	Plan a personal exercise programme using the principles of training to improve your health and fitness. <a href="#">Knowledge organisers \Remote Learning\Year 9\PE (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
6	Rules and Officiating	Describe and apply the majority of rules and regulations whilst officiating in competitive situations. <a href="#">Knowledge organisers \Remote Learning\Year 9\PE (VLE Link)</a> Attend extra- curricular sports and physical activity clubs.
7	Teamwork and Values	Compete demonstrating fair play, respecting the rules of the activity, and striving to achieve their personal best. Attend extra- curricular sports and physical activity clubs.

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<b>Product Design</b>		
<b>Ref</b>	<b>Key Knowledge</b>	<b>Next Steps</b>
1	Understanding and recognising wood joints	Lets textbook pages 46 to 53 Sheets example in folder plus sheet 1
2	How to set up and use the laser cutter machine	Sheet 1 and pre-information sheet in folder. <a href="#">Technology Folder (VLE Link)</a> setting up 2d design. And laser cutting.wmv
3	How to use Perspective drawing including layered drawings and orthographic drawings	Lets textbook sheets 22 to 28 Sheets 3 to 7 in folder plus ict folder
4	Importance and use of Model making	Lets textbook pages 34 to 39
5	Making and assembling components	Class work
6	Planning order of making	Lets textbook pages 8to13 Sheets 9,10,11

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Science		
Ref	Key Knowledge	Next Steps
1	Elements of the Periodic Table and patterns of reactivity	<a href="#">Development of the Periodic Table (thenational.academy)</a> <a href="#">Group 1 (thenational.academy)</a> <a href="#">Group 7 (thenational.academy)</a> <a href="#">Group 7 displacement (thenational.academy)</a> <a href="#">The periodic table - The periodic table - KS3 Chemistry Revision - BBC Bitesize</a>
2	Noble gases	<a href="#">Group 0 (thenational.academy)</a>
3	Reaction of metals with oxygen	<a href="#">Oxidation (thenational.academy)</a>
4	Ceramics, polymers and composites and their uses	<a href="#">Ceramics - Ceramics, polymers and composites - KS3 Chemistry Revision - BBC Bitesize</a>
5	Prior learning: organs and their function	<a href="https://classroom.thenational.academy/lessons/digestive-system-cnj3ec">https://classroom.thenational.academy/lessons/digestive-system-cnj3ec</a> <a href="https://classroom.thenational.academy/lessons/animals-as-organisms-6hgk8c">https://classroom.thenational.academy/lessons/animals-as-organisms-6hgk8c</a>
6	Animal and plant cells and the function of the main organelles.	<a href="https://classroom.thenational.academy/lessons/specialised-cells-c8tpcr">https://classroom.thenational.academy/lessons/specialised-cells-c8tpcr</a>
7	The respiratory system and gas exchange	<a href="https://classroom.thenational.academy/lessons/respiratory-system-6mt64r">https://classroom.thenational.academy/lessons/respiratory-system-6mt64r</a> <a href="https://classroom.thenational.academy/lessons/inhaled-and-exhaled-air-c8ukgc">https://classroom.thenational.academy/lessons/inhaled-and-exhaled-air-c8ukgc</a>
8	The effects of smoking	<a href="https://classroom.thenational.academy/lessons/smoking-74u34r">https://classroom.thenational.academy/lessons/smoking-74u34r</a>
9	Aerobic and anaerobic respiration	<a href="https://classroom.thenational.academy/lessons/aerobic-respiration-crt64e">https://classroom.thenational.academy/lessons/aerobic-respiration-crt64e</a>



Spanish		
Ref	Key Knowledge	Next Steps
1	Key language to describe my use and others' use of computers. Key language to convey and justify my opinion and others' opinion on cinema and tv Comparing films and tv programmes using adjectival agreement, comparatives and superlatives. Key language to describe what you are going to watch in the immediate future	Computers: <a href="#">¿Qué haces con tu ordenador? - Memrise</a> Tv programmes and films: <a href="#">Las películas y los programas - Memrise</a> Comparing: <a href="https://app.memrise.com/course/6084294/la-tele-y-las-peliculas-comparisons/">https://app.memrise.com/course/6084294/la-tele-y-las-peliculas-comparisons/</a> Plans for the future: <a href="https://www.quia.com/rr/1064612.html">https://www.quia.com/rr/1064612.html</a>
2	Key language to describe different types of music. Key language to convey my opinion and others' opinion on music. Past tense to talk about you did last weekend.	Music and opinions: <a href="https://app.memrise.com/course/1922672/que-musica-te-gusta/">https://app.memrise.com/course/1922672/que-musica-te-gusta/</a> Talking about the past: PAST TENSE -REGULAR VERBS - Memrise PAST TENSE- IRREGULAR VERBS - Memrise <a href="https://app.memrise.com/course/1357966/el-pasado/">https://app.memrise.com/course/1357966/el-pasado/</a> <a href="https://app.memrise.com/course/1888073/past-tense-activities/">https://app.memrise.com/course/1888073/past-tense-activities/</a> <a href="https://wordwall.net/resource/23481432/qu%c3%a9-hiciste-ayer">https://wordwall.net/resource/23481432/qu%c3%a9-hiciste-ayer</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	Knowledge Organiser
2	Demonstrate creative textile skills	Powerpoint- Tie dye and batik
3	Demonstrate and understanding of SMART Materials	Powerpoint- SMART materials
4	Work safely and independently	
5	Create original design ideas based on design brief	
6	Produce a finished product	

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