

Year 8 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	Covenant with Moses	Moses and the 10 Commandments - YouTube
2	Recall of knowledge about key Old Testament Covenants.	Knowledge organiser on the school website How to revise BBC Newsbeat - YouTube
3	Explain the key events in the life of an inspirational Christian.	Martin Luther King Jr: Martin Luther King: Why you should know more about him - CBBC Newsround Mother Teresa: Mother Teresa: Everything you need to know - CBBC Newsround Blessed Catherine McAuley: Catherine Mercy World
4	Recall of knowledge about inspirational Christians.	Knowledge organiser on the school website How to revise BBC Newsbeat - YouTube
5	Recall of knowledge about the importance of covenants.	Abraham: Abraham - Covenant and mitzvot in Judaism - GCSE Religious Studies Revision - AQA - BBC Bitesize Moses: Moses - Covenant and mitzvot in Judaism - GCSE Religious Studies Revision - AQA - BBC Bitesize
6	Recall of knowledge about world faiths: Judaism.	Judaism - KS3 Religious Studies - BBC Bitesize



Maths Set 1/2		
Ref	Key Knowledge	Next Steps
1	I can recognise, list and define prime numbers	Prime numbers video Prime numbers worksheet
2	I can use the prime factor decomposition to find the HCF or LCM of two numbers	Prime factor decomposition HCF/LCM video
3	I can add and subtract positive and negative integers	Add and subtract negatives video Add and subtract negatives worksheet
4	I can apply BIDMAS to the four operations with negative integers	BIDMAS video BIDMAS worksheet
5	I can round to a given number of significant figures	Rounding to significant figures video Rounding to significant figures worksheet
6	I can calculate the circumference of a circle	Circumference of a circle video Circumference of a circle worksheet
7	I can find the radius or diameter of a circle when given the circumference or area	Area of a circle video Area of a circle worksheet
8	I can calculate the surface area of prisms	Surface area video Surface area worksheet
9	I can calculate speed, distance and time where units need converting	Speed distance time video Speed distance time worksheet
10	I can calculate density, mass and volume	Density mass volume video Density mass volume worksheet



Maths Set 3		
Ref	Key Knowledge	Next Steps
1	I can find integer powers and roots	Powers and roots video Powers and roots worksheet
2	I can perform prime factor decompositions	Prime factor decomposition video Prime factor decomposition worksheet
3	I can add, subtract, multiply and divide positive and negative integers	Calculating with positive and negative integers video Calculating with positive and negative integers worksheet
4	I can apply the order of operations to the four operations with negative integers	BIDMAS video BIDMAS worksheet
5	I can round to a given degree of accuracy	Rounding to decimal places video Rounding to significant figures video Rounding worksheet
6	I can solve functional problems by finding the area or perimeter of compound shapes made from rectangles	Area of compound shapes video Area of compound shapes worksheet
7	I can find the volume and surface area of cuboids	Volume of cuboids and cubes video Surface area of a cuboid video Volume of cuboid worksheet Surface area worksheet
8	I can calculate the volume of prisms	Volume of a prism video Volume of a prism worksheet
9	I can convert between units of area and volume	Converting between units of area video Converting between units of volume video Converting between units of area worksheet Converting between units of volume worksheet
10	I can convert compound units and calculate compound measures	Speed distance time video Speed distance time worksheet



Maths Set 4/5		
Ref	Key Knowledge	Next Steps
1	I can recognise and define square numbers, cube numbers and powers of 10	Square numbers video Cube numbers video Square numbers worksheet Cube numbers worksheet
2	I can simplify an expression using repeated multiplication	Multiplying terms video Multiplying terms worksheet
3	I can recognise, list and define prime numbers	Prime numbers video Prime numbers worksheet
4	I can compare, order and calculate positive and negative integers	Ordering numbers video Ordering numbers worksheet
5	I can round to a given degree of accuracy	Rounding to decimal places video Rounding to significant figures video Rounding worksheet
6	I can find the LCM of a set of numbers	Lowest common multiples video Lowest common multiple worksheet
7	I can find the area of triangles and parallelograms	Area of a triangle video Area of a parallelogram video Area of a triangle worksheet Area of a parallelogram worksheet
8	I can calculate the volume and surface area of cubes and cuboids	Volume of a cuboid video Surface area of cuboid videos Volume of a cuboid worksheet Surface area of a cuboid worksheet
9	I can calculate speed, distance and time	Speed distance time video Speed distance time worksheet
10	I can read speed-time graphs	Speed distance time video Speed distance time worksheet



English		
Ref	Key Knowledge	Next Steps
1	Communication and development of ideas.	Century Tech: EK7.02 EK7.03
2	Tone, purpose and audience.	Century Tech: EK0.04 EK8.01 EK8.03
3	Structure of the whole text.	Century Tech: EK0.03
4	Range of vocabulary	Century Tech: EK5.02 EK5.04
5	Correct use of spelling, punctuation and sentence variety.	Century Tech: SPAG0.01 SPAG0.03 SPAG0.04
6	Use of DAFOREST	Century Tech: EK0.02



Art		
Ref	Key Knowledge	Next Steps
1	Drawing skills	Knowledge Organisers Y8.pptx (VLE Link) slide 1 Self.pptx (VLE Link) slide 11-15
2	Application of tone	Knowledge Organisers Y8.pptx (VLE Link) slide 1 Self.pptx (VLE Link) slide 11 -15
3	Control of colour	Knowledge Organisers Y8.pptx (VLE Link) slide 2-3 Self.pptx (VLE Link) slide 28-29
4	Painting skills	Knowledge Organisers Y8.pptx (VLE Link) slide 2-3 Self.pptx (VLE Link)

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

Computing		
Ref	Key Knowledge	Next Steps
1	Types of input, output and storage devices and hardware components	https://www.youtube.com/watch?v=CBf-jIn44X0 Input, output, storage and hardware (VLE Link)
2	Network structure and hardware	LAN Network Hardware.pdf (VLE Link)
3	Illustration of network topologies	Network topologies Crossword (VLE Link)
4	Application software and uses	https://www.bbc.co.uk/bitesize/guides/zcxgr82/revision/3 App Software.docx (VLE Link)
5	The need for an operating system	https://www.youtube.com/watch?v=fkGCLIQx1MI Operating System.doc (VLE Link)
6	Binary (8 bit), denary and hex conversions (8 Bit)	Binary to Denary and Denary to Binary Conversion (1).docx & Hexadecimal numbers self marking (1).xlsx (VLE Link)
7	Logic gates and truth tables	https://www.bbc.co.uk/bitesize/guides/zxb72hv/revision/3 Logic Gates Worksheet.docx (VLE Link)
8	Representation of image and sound in computers	https://www.bbc.co.uk/bitesize/guides/zpfdwmn/revision/1 Image and sound.docx (VLE Link)

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Food Nutrition		
Ref	Key Knowledge	Next Steps
1	Spell and understand key words and knowledge	Information sheets and knowledge organiser (VLE Link)
2	Practical skills - Working safely, hygienically and with independence in practical lessons	Recipes for year 8 food and nutrition (VLE Link)
3	Understand what is meant by a healthy balanced diet	The eatwell guide and 8 tips for a healthy diet(VPN Link)
4	Research and presentations skills – finding out about seasonal vegetables and ways of lowering salt in food products	Research skills (VPN Link)

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Geography		
Ref	Key Knowledge	Next Steps
1	Types of wave and characteristics	Visit Seneca - Learn 2x Faster (senecalearning.com) and log in (you may need to sign up) select KS3 Geography Topic Rivers and Coasts Test yourself aiming for 75% plus
2	Coastal landforms caused by erosion	Visit Seneca - Learn 2x Faster (senecalearning.com) and log in (you may need to sign up) select KS3 Geography Topic Rivers and Coasts Test yourself aiming for 75% plus
3	River flooding	Visit Seneca - Learn 2x Faster (senecalearning.com) and log in (you may need to sign up) select KS3 Geography Topic Rivers and Coasts Test yourself aiming for 75% plus
4	Features of a river drainage basin	Visit Seneca - Learn 2x Faster (senecalearning.com) and log in (you may need to sign up) select KS3 Geography Topic Rivers and Coasts Test yourself aiming for 75% plus
5	Causes and effects of coastal erosion	Visit Seneca - Learn 2x Faster (senecalearning.com) and log in (you may need to sign up) select KS3 Geography Topic Rivers and Coasts Test yourself aiming for 75% plus



History		
Ref	Key Knowledge	Next Steps
1	Pupils understand the chronology of key dates and events- Early Modern Monarchs 1500-1700.	8.1 Early Modern Monarchs (VLE Link) Why did Henry VIII make the break with Rome? Why did the Civil War break out in 1642?
2	Pupils make links to Prior Learning.	History Year 7 (VLE Link) Which sources reveal the most about medieval peasants?
3	Pupils demonstrate knowledge and understanding of Tudor Monarchs.	History Year 8 (VLE Link) Why did Henry VIII make the break with Rome?
4	Pupils demonstrate knowledge and understanding of Stuart Monarchs	8.1 Early Modern Monarchs (VLE Link) Why did the Civil War break out in 1642?
5	Pupils analyse sources for their utility, inferences and to support knowledge.	Year 8 History (VLE Link)
6	Pupils have developed their understanding of second order concepts such as change and continuity, significance, cause and consequence.	Year 8 History (VLE Link)

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Music		
Ref	Key Knowledge	Next Steps
1	Elements through Genres: Identifying and explaining melody, texture, dynamics, tempo, structure and articulation	Year 8 Elements (VLE Link) Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
2	Elements through Genres: applying knowledge and understanding of the elements to pop, dance and classical music	Year 8 Elements (VLE Link) Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
3	Elements through Genres: identifying notes and melodic shapes on the treble clef stave	Year 8 Elements (VLE Link) Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
4	Rap & Riffs: describing and explaining the history and context of Rap	Rap and Riffs Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
5	Rap & Riffs: performing riffs and an existing rap with flow, enunciation and rhythm	Rap and Riffs Knowledge Organisers Reading Corner in classrooms BBC Bitesize: KS3 Music
6	Rap & Riffs: composing a riff and a rap using musical features of a successful rap	Rap and Riffs 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 opposed practices, and apply tactics and strategies to beat opponents in a competitive situation. Knowledge organisers \Remote Learning\Year 8\PE (VLE Link) Attend extra- curricular sports and physical activity clubs.
2	Creativity	Be able to use choreographic skills accurately. Combine core skills to perform with control and fluency. Attend extra- curricular sports and physical activity clubs.
3	Leadership	Lead a small group in a warm up and skill practice that can be changed to make it more or less challenging.
4	Performance Analysis	Describe own and others strengths and areas for improvements and make suggestions for improvement. Knowledge organisers \Remote Learning\Year 8\PE (VLE Link) Attend extra- curricular sports and physical activity clubs.
5	Healthy Active Lifestyle	Explain the benefits of a healthy lifestyle and link working heart to different methods of training. Knowledge organisers \Remote Learning\Year 8\PE (VLE Link) Attend extra- curricular sports and physical activity clubs.
6	Rules and Officiating	Describe and apply a range of rules and regulations whilst officiating in competitive situations. Knowledge organisers \Remote Learning\Year 8\PE (VLE Link) Attend extra- curricular sports and physical activity clubs.
7	Teamwork and Values	Show resilience when faced with challenging tasks that are designed to build character. Attend extra- curricular sports and physical activity clubs.

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Product Design		
Ref	Key Knowledge	Next Steps
1	Identifying and using key words and technical knowledge using materials, tools and machines	Lets textbook and the internet.
2	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
3	Analysing existing games	Complete sheet 3. Use the internet search sites. Lets textbook pages 20,21 also pages 170,171
4	Know how to use Perspective drawing including using 2D Design software	Lets textbook pages Sheets 6 and 7 lets textbook pages 22 to 28. Pupils j drive technology file setting up 2d design
5	How to Plan order of making/assembling components	Lets textbook pages 8 to 13 Sheets 2,9 and 10
6	How to Test and evaluate your work	Lets textbook pages 14 to 21 Sheets 11 and 12
7	Identifying and using key words and technical knowledge using materials, tools and machines	Lets textbook and the internet.



Science		
Ref	Key Knowledge	Next Steps
1	Components of a healthy diet	https://www.bbc.co.uk/bitesize/topics/zf339j6/articles/zmwvvgdm?course=zdcg3j6
2	Organs of the digestive system.	https://www.bbc.co.uk/bitesize/topics/zf339j6/articles/zv8m7yc?course=zdcg3j6#zmy4r2p1
3	Food tests	https://www.bbc.co.uk/bitesize/guides/zs9krwx/revision/2
4	Enzymes and digestion	https://classroom.thenational.academy/lessons/enzymes-6nk62e
5	Nutritional content of food and energy requirements of different people.	https://classroom.thenational.academy/lessons/energy-release-71h3jc
6	Cell structure and function of organelles	https://classroom.thenational.academy/lessons/review-part-1-60t3ec
7	Structure and function of the respiratory system	https://classroom.thenational.academy/lessons/respiratory-system-6mt64r



Spanish		
Ref	Key Knowledge	Next Steps
1	Key language to describe, convey and justify on opinion on a past holiday	https://app.memrise.com/course/1005931/adonde-fuiste-3/ https://app.memrise.com/course/1024115/como-fuiste/ https://app.memrise.com/course/1008947/las-vacaciones-90/
2	Key language to describe leisure activities on a past holiday including using sequencers and negatives	https://app.memrise.com/course/1832117/que-hiciste-de-vacaciones-2/ https://app.memrise.com/course/1863903/que-hiciste-de-vacaciones-3/ https://app.memrise.com/course/6084280/viva-2-module-1-repaso/ https://www.quia.com/jg/2865701.html https://www.quia.com/jg/2865765list.html https://www.quia.com/jg/2888162.html

(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 Organisers (VLE Link)
2	Demonstrate knowledge of fibres and fabrics	Natural and man made materials (VLE Link)
3	Write a suitable product specification	Specification, Day of the Dead Project.pptx(VLE Link)
4	Create original design ideas that reflect the design brief	Design ideas, Day of the Dead Project(VLE Link)
5	Demonstrate a range of practical skills	Practical skills, Day of the Dead Project.pptx(VLE Link)
7	Work safely and independently to produce a finished product.	

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