



GEMS Winchester School Dubai



Year 10 Home Learning Term 1b 2023-2024

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English First Language

This term we will be learning about different exam style techniques, such as summaries and descriptive writing.

23-Oct	Letter writing- Past paper practice-October/November-2020-0500/11
30-Oct	Reading Comprehension- Past paper practice-October/November-2020-0500/11
6-Nov	Summary- Past paper practice-October/November-2020-0500/11
13-Nov	Writer's effect- Past paper practice-October/November-2020-0500/11
20-Nov	Descriptive Writing- Past paper practice-October/November-2020-0500/21
27-Nov	Reading comprehension- Past paper practice-October/November-2020-0500/12
4-Dec	Descriptive Writing- Past paper practice-October/November-2020-0500/21

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Mathematics

Higher: This term we will be learning about number, symmetry, sequences, FDP and algebra.

23-Oct	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – Histograms.
30-Oct	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – Fractions, decimals and percentages.
6-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – recurring decimals and numbers of percentages.
13-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – Percentage change.
20-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – Calculating speed, density and pressure.
27-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – Simplifying expressions.
4-Dec	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – Expanding brackets.

Foundation: This term we will be learning about number, algebra, sequences, data, FDP and compound measures.

23-Oct	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – bar charts, pictograms and pie charts.
30-Oct	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – pie charts.
6-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – fractions decimals and percentages.
13-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – fractions decimals and percentages.
20-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – compound interest.
27-Nov	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – ratios, fractions and percentages.
4-Dec	To complete a minimum of 1 hour compulsory HW on Sparx- Topic taught this week – ratio and speed.

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This term we will be learning about structure and bonding and the periodic table.

23-Oct	Complete the summary questions on the topic Ionic Bonding. Book: International GCSE Combined Sciences Chemistry Page 24 and 25- Questions 1- 3
30-Oct	Complete the summary questions on the topic Covalent Bonding. Book: International GCSE Combined Sciences Chemistry Page 26 and 27- Questions 1- 3
6-Nov	Complete the summary questions on the topic Bonding in Metals Book: International GCSE Combined Sciences Chemistry Page 28 and 29- Questions 1- 3
13-Nov	Complete the summary questions on the topic Periodic Table Book: International GCSE Combined Sciences Chemistry Page 40 and 41- Questions 1- 3
20-Nov	Complete the summary questions on the topic Group 1 Alkali Metals. Book: International GCSE Combined Sciences Chemistry Page 42 and 43- Questions 1- 3
27-Nov	Complete the summary questions on the topic Group 7 - the Halogens Book: International GCSE Combined Sciences Chemistry Page 46 and 47- Questions 1- 3
4-Dec	Complete the summary questions on the topic Group 7 - the Halogens Book: International GCSE Combined Sciences Chemistry Page 46 and 47- Questions 1- 3

This term we will be learning about Unit 9 Plants as Organisms.

23-Oct	Complete the summary Questions on the topics Photosynthesis Book: Combined Sciences Biology Pg. 101 Q1-3
30-Oct	Complete the summary Questions on the topic Limiting Factors Book: Combined Sciences Biology Pg. 103 Q1-3
6-Nov	Complete the summary Questions on the topics How do plants use Glucose Book: Combined Sciences Biology Pg. 105 Q1-3
13-Nov	Complete the summary Questions on the topics Transport Systems Book: Combined Sciences Biology Pg. 107 Q1-3
20-Nov	Complete the summary Questions on unit 9 Plants as Organisms Book: Combined Sciences Biology Summary questions pg. 108 Q1-5
27-Nov	Complete the summary Questions on unit 9 Plants as Organisms Book: Combined Sciences Biology Practice Questions pg. 109 Q1-2

4-Dec	Complete the summary Questions on unit 9 Plants as Organisms Book: Combined Sciences Biology Practice Questions pg. 109 Q3-4
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Separate Science

This term in biology we will be learning about Unit 9 Plants as Organisms.

23-Oct	Complete the summary Questions on the topics Photosynthesis. Book: International GCSE Biology P115 Q1-3
30-Oct	Complete the summary Questions on the topics limiting Factors. Book: International GCSE Biology P117 Q1-3
6-Nov	Complete the summary Questions on the topics How do plants use Glucose. Book: International GCSE Biology P119 Q1-3
13-Nov	Complete the summary Questions on the topics Exchange in plants. Book: International GCSE Biology P121 Q1-3
20-Nov	Complete the summary Questions on the topics Evaporation and Transpiration. Book: International GCSE Biology P123 Q1-3
27-Nov	Complete the summary Questions on the topics Transport systems in plants. Book: International GCSE Biology P125 Q1-3
4-Dec	Complete the summary Questions on unit 9 Plants as Organisms. Book: International GCSE Biology Summary questions p126 Q1-4 and p127 q1-4

This term in chemistry we will be learning about structure and bonding and the periodic table.

23-Oct	Complete the summary questions on the topic Ionic Bonding. Book: International GCSE Chemistry Page 22 and 23– Question 1- 3
30-Oct	Complete the summary questions on the topic Covalent Bonding. Book: International GCSE Chemistry Page 24 and 25– Question 1- 3
6-Nov	Complete the summary questions on the topic Bonding in Metals. Book: International GCSE Chemistry Page 26 and 27– Question 1- 3
13-Nov	Complete the summary questions on the topic Periodic Table. Book: International GCSE Chemistry Page 40 and 41– Question 1- 3
20-Nov	Complete the summary questions on the topic Group 1 Alkali Metals. Book: International GCSE Chemistry Page 42 and 43– Question 1- 3
27-Nov	Complete the summary questions on the topic Group 7 - the Halogens. Book: International GCSE Chemistry Page 46 and 47– Question 1- 3
4-Dec	Complete the summary questions on the topic Explaining Trends. Book: International GCSE Chemistry Page 48 and 49– Question 1- 3

This term in physics we will be continuing with Forces and Motion, Momentum, Moment.

23-Oct	Complete the summary questions on Page 17 Questions 1 to 4
30-Oct	Complete the summary Questions on Page 19 Questions 1 to 4
6-Nov	Complete the summary Questions on Page 21 Questions 2 and 3
13-Nov	Complete the summary Questions on Page 25 Questions 2 and 3
20-Nov	Complete the summary Questions on Page 31 Questions 2 and 3.
27-Nov	Complete the summary Questions on Page 33 Questions 2 and 3
4-Dec	Complete the summary Questions on Page 35 Questions 1 and 2

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Arabic A

This term we will be learning about cooperation and control.

23-Oct - 4-Dec	Reading	(الخليج العربي) قم بقراءة النص والإجابة على الأسئلة المرافقة له	افتح الرابط وقم بقراءة النص والإجابة عن الأسئلة https://forms.gle/9LkTLxoRtRBxFzk49
	Writing	(كتابة مقال أدبي) قم بكتابة مقالاً أدبياً عن أهمية التعاون مراعيًا ضوابطه	كتابة مقال أدبي عن أهمية التعاون في حياتنا

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Arabic B

This term we will be learning about how to plan for future.

23-Oct - 4-Dec	Planning for future	Reading	Complete the reading task assigned on “form”.	https://forms.office.com/r/WJDRgNBUp8
		Writing	Design a poster about your planning for your future, the steps for your academic planning to achieve your goals.	Designing a poster.

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Islamic A

This term we will be learning about Sura Al-Hujurat.

23-Oct - 4-Dec	مع الله ورسوله الغفور العدل	يفسر المعنى الإجمالي لسورة الحجرات من 1:10 يرشح اثنين من أسماء الله الحسنى (الغفور - العدل - متخلقاً بمقتضاها	https://quran.ksu.edu.sa/index.php#aya=49_1&m=hafs&qaree=husary&trans=ar_mu
			Quizizz https://cutt.us/0dX6K

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Islamic B

This term we will be learning about Sura Al-Hujurat.

23-Oct - 4-Dec	The student should read some interpretations about the main ideas of Sura Al-Hujurat from (1: 10) The student should write and explain the meaning of the names of Allah (Al- Ghafoor -The all forgiving- and Al- Adl -The Just-) and apply them in his daily life.	https://quran.ksu.edu.sa/index.php#aya=49_1&m=hafs&qaree=husary&trans=ar_mu Quiz https://cutt.us/0dX6K
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History

This term we will be learning about The League of Nations and breakdown of peace.

23-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 2) 1919-39 -To what extent was the League of Nations a success? Complete worksheet to be self-assessed next lesson.
30-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 2) 1919-39 -To what extent was the League of Nations a success? Complete worksheet to be self-assessed next lesson.
6-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 2) 1919-39 -To what extent was the League of Nations a success? Complete worksheet to be self-assessed next lesson.
13-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 3) Why had international peace collapsed by 1939? Complete worksheet to be self-assessed next lesson.
20-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 3) Why had international peace collapsed by 1939? Complete worksheet to be self-assessed next lesson.
27-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 3) Why had international peace collapsed by 1939? Complete worksheet to be self-assessed next lesson.
4-Dec	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 3) Why had international peace collapsed by 1939? Complete worksheet to be self-assessed next lesson.

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Geography

This term we will be learning about Population and Settlement.

23-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.3 Population Structure Complete worksheet to be self-assessed next lesson.
30-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.3 Population Structure Complete worksheet to be self-assessed next lesson.
6-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.3 Population Structure Complete worksheet to be self-assessed next lesson.
13-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.4 Population density and distribution - Complete worksheet to be self-assessed next lesson.
20-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.5 Settlements and service provision - Complete worksheet to be self-assessed next lesson.
27-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.5 Settlements and service provision - Complete worksheet to be self-assessed next lesson.
4-Dec	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.5 Settlements and service provision - Complete worksheet to be self-assessed next lesson.

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Computer Science

This term we will be learning about data transmission and Boolean logic.

23-Oct - 4-Dec	Unit 2: Data Transmission From the course book, Complete Question number 5. a, b, c (Page number: 72) Unit 10: Boolean Logic From coursebook, Complete Page number 383, Question number 3: a, b
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ICT

This term we will be learning about storage devices and networks.

23-Oct	Solve all practice questions for unit 3(Storage Devices) on notebooks. Refer page 73 and 74 Text book.
30-Oct	
6-Nov	Submission
13-Nov	Solve all practice questions for unit 4 (Networks) on notebooks. Refer page 96 and 97 Textbook.
20-Nov	
27-Nov	Submission
4-Dec	No homework.

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Art and Design

This term we will be learning about various exam style techniques such as photography and experimental outcomes.

23-Oct	Component-1 – Artist Study –One AO-1
30-Oct	Component-1 – Artist Copy –One AO-1 & AO-2
6-Nov	Component-1 – My Photographs - AO-1
13-Nov	Component-1 – First Development - AO-1
20-Nov	Component-1 – Planning ideas - AO-1
27-Nov	Component-1 – Techniques and Skills - AO-2
4-Dec	Component-1 – Experimental Outcome - AO-1 and AO-2

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PE

This term we will be learning about strength and how to improve our own strength through various techniques.

23-Oct	No homework
30-Oct	No homework
6-Nov	Strength exercise - https://youtu.be/AjAVhtQ2vok
13-Nov	Strength exercise - https://youtu.be/AjAVhtQ2vok
20-Nov	Strength exercise - https://youtu.be/AjAVhtQ2vok
27-Nov	Strength exercise - https://youtu.be/AjAVhtQ2vok
4-Dec	Strength exercise - https://youtu.be/AjAVhtQ2vok

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French

This term we will be learning about hobbies.

23-Oct	Write a paragraph about hobbies in exam style (80 words).
30-Oct	
6-Nov	
13-Nov	
20-Nov	Submission
27-Nov	No homework
4-Dec	No homework

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Business Studies

This term we will be learning about case studies surrounding effective business planning.

23-Oct	Solve case study: Railways in Japan, pg. 24 from the textbook
30-Oct	Complete summary questions, pg. 29 from the textbook
6-Nov	Solve case study: An effective business plan, pg. 33 from the textbook.
13-Nov	Complete summary questions in pg. 35 from the textbook
27-Nov	Solve case study: Break-even from schoolbooks, pg. 37 from the textbook.
4-Dec	Solve case study: Freshwater prawn farming in Bangladesh, p. 49 from the textbook

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Economics

This term we will be learning about:

The Market system

Government and the Economy

23-Oct	Case study – Income Elasticity for Red meat in a developing country. (page 68)
30-Oct	Case study – Water Privatization (page 88)
6-Nov	Case study – Pollution in China (page 95)
13-Nov	Exam practice – 1.1 The Market system (page 97)
20-Nov	Exam practice – 1.1 The Market system (page 97)
27-Nov	Case study – Economic growth and unemployment in Brazil (page 201)
4-Dec	Worksheet – All the topics covered before break.

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Accounting

This term we will be learning about:

- Purpose of businesses
- Stakeholders
- Business documentation
- Prime entry books
- Accounting Equation
- Double entry and ledger
- Trial balance

23-Oct	Exam Practice – Accounting Textbook – Page 10
30-Oct	Exam Practice – Accounting Textbook – Page 35 and 59
6-Nov	Exam Practice – Accounting Textbook – Page 83,84 and 85
13-Nov	Work sheet – Double entry
20-Nov	Work sheet – Trial balance
27-Nov	Work sheet – Cash book
4-Dec	Work sheet – Petty cashbook

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Global Perspectives

This term we will be learning about your mini-IR projects.

23-Oct	Flipped Learning – Specific tasks to be set in lesson. Mini-IR Project: Students will be drafting and submitting a project based on the IR this half term, students are expected to work on this and redraft it at home as well as at school.
30-Oct	Flipped Learning – Specific tasks to be set in lesson. Mini-IR Project: Students will be drafting and submitting a project based on the IR this half term, students are expected to work on this and redraft it at home as well as at school.
6-Nov	Flipped Learning – Specific tasks to be set in lesson. Mini-IR Project: Students will be drafting and submitting a project based on the IR this half term, students are expected to work on this and redraft it at home as well as at school.
13-Nov	Flipped Learning – Specific tasks to be set in lesson. Mini-IR Project: Students will be drafting and submitting a project based on the IR this half term, students are expected to work on this and redraft it at home as well as at school.
20-Nov	Flipped Learning – Specific tasks to be set in lesson. Mini-IR Project: Students will be drafting and submitting a project based on the IR this half term, students are expected to work on this and redraft it at home as well as at school.
27-Nov	Flipped Learning – Specific tasks to be set in lesson. Mini-IR Project: Students will be drafting and submitting a project based on the IR this half term, students are expected to work on this and redraft it at home as well as at school.
4-Dec	Flipped Learning – Specific tasks to be set in lesson. Mini-IR Project: Students will be drafting and submitting a project based on the IR this half term, students are expected to work on this and redraft it at home as well as at school.

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BTEC Sports

This term we will be learning about how to video our chosen aspect of fitness.

23-Oct	Continue preparing the PowerPoint on fitness and training.
30-Oct	Prepare a video explaining your first chosen aspect of fitness.
6-Nov	Prepare a video explaining your second chosen aspect of fitness.
13-Nov	Prepare a video explaining your third chosen aspect of fitness.
20-Nov	Aim to walk 20,000 steps every day this week.
27-Nov	Research a chosen athlete and compare their aspects of fitness with yours.
4-Dec	Complete any outstanding class notes.

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BTEC Business

This term we will be learning about promotion and branding.

23-Oct	Unit 18AB – write a detailed overview of the 2 chosen retail businesses (outline posted on Teams)
30-Oct	Unit 18AB – describe the branding and promotional methods used by the 2 chosen retail businesses and include the advantages and disadvantages (outline posted on Teams)
6-Nov	Unit 18C – brainstorm ideas for the branding of your selected product (refer to assignment brief on Teams)
13-Nov	Unit 18C – develop the brand’s logo (refer to assignment brief on Teams)
20-Nov	Unit 18C – complete the brand’s logo and write a description on the brand personality (refer to assignment brief on Teams)
27-Nov	Unit 18C – produce drafts of promotional materials for your brand (refer to assignment brief on Teams)
4-Dec	Unit 18C – finalize and submit the branding and promotional materials of your chosen product (refer to assignment brief on Teams)

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BTEC IT

This term we will be learning about setting up a technology system.

23-Oct - 4-Dec	Unit 3 – Setting up a technology system. You will be researching around the unit content and studying in and outside of class. The assignment will be set in lesson and any relevant information will be set in MS Teams.
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Travel and Tourism

This term we will be learning about Unit 2 – Features of worldwide destinations.

23-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on UNIT 2 – Features of worldwide destinations - Complete worksheet to be self-assessed next lesson.
30-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on UNIT 2 – Features of worldwide destinations - Complete worksheet to be self-assessed next lesson.
6-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on UNIT 2 – Features of worldwide destinations - Complete worksheet to be self-assessed next lesson.
13-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on UNIT 2 – Features of worldwide destinations - Complete worksheet to be self-assessed next lesson.
20-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on UNIT 2 – Features of worldwide destinations - Complete worksheet to be self-assessed next lesson.
27-Nov	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on UNIT 2 – Features of worldwide destinations - Complete worksheet to be self-assessed next lesson.
4-Dec	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on UNIT 2 – Features of worldwide destinations - Complete worksheet to be self-assessed next lesson.

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Media Studies

This term we will be learning about television advertising, magazines and music videos.

23-Oct	Research and make notes on Todorov's Narrative Theory.
30-Oct	Research and make notes on Levi Strauss' Theory of Binary Oppositions.
6-Nov	Research and make notes on Uses and Gratification Theory.
13-Nov	Research and make notes on Propp's Character Archetypes Theory.
20-Nov	Research and make notes on Action Codes.
27-Nov	Research and make notes on Hypodermic Needle Theory.
4-Dec	Research and make notes on Representation Theory.

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Drama

This term we will be learning about:

23-Oct	Component 1 - Devising an original piece of drama based from stimulus.
30-Oct	Component 1 - Devising an original piece of drama based from stimulus.
6-Nov	Work on the devising log as we continue working on Component 1.
13-Nov	Work on the devising log as we continue working on Component 1.
20-Nov	Component 1 - Devising an original piece of drama based from stimulus.
27-Nov	Work on the devising log as we continue working on Component 1.
4-Dec	Start practicing for Component 2 – duologue or monologue.

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Psychology

This term we will be learning about development

23-Oct	Do you really know the naughty teddy experiment – worksheet in Teams
30-Oct	Key studies muddle – worksheet in Teams
6-Nov	Piaget’s stages table – worksheet in Teams
13-Nov	Which activities would you use? - worksheet in Teams
20-Nov	What is my mindset – worksheet in Teams
27-Nov	Is this true or false – worksheet in Teams
4-Dec	What is your criticism? - worksheet in Teams

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