

# **GEMS Winchester School Dubai**



# Year 10 Home Learning

# Term 1a 2023-2024

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Past Paper Practice	
<b>e</b> ,	
2019- May/June-0500/11	
Past Paper Practice	
Summary	
2019- May/June-0500/11	
Past Paper Practice	
Writers' effect	
2019- May/June-0500/11	
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# Higher

28-Aug	No Home learning	
4-Sep	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- Factors and Multiples	
11-Sep	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- HCF and LCM	
18-Sep	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- Directed Numbers	
25-Sep	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- Surds	
2-Oct	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- Arithmetic Sequence	
9-Oct	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- Statistical Representations	
16-Oct	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- Fractions, Decimals, and Percentages	
23-Oct (Half Term)	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week- Recurring Decimals	

#### Foundation

28-Aug	No Home learning	
4-Sep	To complete a minimum one (1) hour compulsory HW on Sparx- Topic taught this week – Number (prime, powers and roots)	
11-Sep	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week – Symmetry and directed numbers	
18-Sep	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week – Directed numbers	
25-Sep	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week – Algebra	
2-Oct	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week – Sequences	
9-Oct	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week – Graphs and charts	
16-Oct	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week – FDP	
23-Oct (Half Term)	To complete a minimum one (1) hour compulsory HW on Sparx Topic taught this week – FDP	

28-Aug	No Homework	
4-Sep	Complete end of unit Questions	
11-Sep	Complete chapter summary questions on Pg. 13.	
18-Sep	Mark your homework – Answers uploaded this week.	
25-Sep	Complete Revision questions	
2-Oct	Complete chapter summary questions	
9-Oct	Mark your homework – Answers uploaded this week.	
16-Oct	Complete chapter summary questions	
23-Oct (Half Term)	Revise past exam paper uploaded in teams	

## Separate Sciences

28-Aug	No Homework
4-Sep	Complete end of unit Questions
11-Sep	Complete chapter summary questions on Pg. 13.
18-Sep	Mark your homework – Answers uploaded this week.
25-Sep	Complete Revision questions
2-Oct	Complete chapter summary questions
9-Oct	Mark your homework – Answers uploaded this week.
16-Oct	Complete chapter summary questions
23-Oct (Half Term)	Revise past exam paper uploaded in teams

Arabic A

	Topic/Skill	Curriculum Expectation Success Criteria	Activities
"1623Oct" (Half Term)	reading	أن يحلل المتعلم القصة فنياً موضحاً فكرتها، وخصائصها، وتطور أحداثها، ومقومات شخصياتها	فصة ( يومي المفضَّل ) Plat form "I read Arabic" <u>https://teachers.ireadarabic.com</u> / <u>en/Books/preview/842</u>
	writing	أن يكتب المتعلم نصوصاً تعبر عن فكرة مركزي تظهر مقدرة على التركيز والتنظيم وتدل على وعي كامل بالمتلقي في علاقته بغرض وبموضوع الكتابة، مطوراً مهاراته الكتابية من خلال مراحل الكتابة (ما قبل الكتابة، المسودة، المراجعة)، لتحرير النص	كتابة مقال أدبي عن أهمية التعاون في حياتنا

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## Arabic B

	Topic/Skill	Curriculum Expectation Success Criteria	Activities
16-23 Oct	Reading	Complete the reading task assigned on "I start Arabic" program.	<u>https://www.istartarabic.com/en/logi</u> <u>n</u>
(Half Term)	Writing	Design a poster about your planning for your future, the steps for your academic planning to achieve your goals.	Designing a poster.

	Curriculum Expectation Success Criteria	Activities
16-23 Oct	يفسر المعنى الإجمالي لسورة الحجرات من 10: 1.	https://quran.ksu.edu.sa/index.php#aya=49_1 &m=hafs&garee=husary&trans=ar_mu
(Half Term)	ير شح اثنين من أسماء الله الحسنى) الغفور - العدل متخلقاً بمقتضاها	Quizizz <u>https://cutt.us/0dX6K</u>

#### Islamic B

	Curriculum Expectation Success Criteria	Activities
	The student should read some interpretations about the main ideas of sura Al-Hujurat from (1: 10)	https://quran.ksu.edu.sa/index.php#aya=49_1 &m=hafs&garee=husary&trans=ar_mu
16-23 Oct (Half Term)	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.	Quiz <u>https://cutt.us/0dX6K</u>

28-Aug	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 1) 1919-39 - Were the peace treaties of 1919-23 fair? Complete worksheet to be self-assessed next lesson.
4-Sep	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 1) 1919-39 - Were the peace treaties of 1919-23 fair? Complete worksheet to be self-assessed next lesson.
11-Sep	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 1) 1919-39 - Were the peace treaties of 1919-23 fair? Complete worksheet to be self-assessed next lesson.
18-Sep	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 1) 1919-39 - Were the peace treaties of 1919-23 fair? Complete worksheet to be self-assessed next lesson.
25-Sep	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 1) 1919-39 - Were the peace treaties of 1919-23 fair? Complete worksheet to be self-assessed next lesson.
2-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 1) 1919-39 - Were the peace treaties of 1919-23 fair? Complete worksheet to be self-assessed next lesson.
9-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on core content question 1) 1919-39 - Were the peace treaties of 1919-23 fair? Complete worksheet to be self-assessed next lesson.
16-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.
23-Oct (Half Term)	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.

28-Aug	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.1 Population Dynamics & 1.4 Population density and distribution - Complete worksheet to be self-assessed next lesson.
4-Sep	<ul> <li>Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.1 Population</li> <li>Dynamics &amp; 1.4 Population density and distribution - Complete worksheet to be self-assessed next lesson.</li> </ul>
11-Sep	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.1 Population Dynamics & 1.4 Population density and distribution - Complete worksheet to be self-assessed next lesson.
18-Sep	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.1 Population Dynamics & 1.4 Population density and distribution - Complete worksheet to be self-assessed next lesson.
25-Sep	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.1 Population Dynamics & 1.4 Population density and distribution - Complete worksheet to be self-assessed next lesson.
2-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.2 Migration - Complete worksheet to be self-assessed next lesson.
9-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.2 Migration - Complete worksheet to be self-assessed next lesson.
16-Oct	Flipped Learning – Read section on upcoming lessons (specific textbook pages to be given in lesson) on Theme 1 - Population and settlement. 1.2 Migration - Complete worksheet to be self-assessed next lesson.
23-Oct (Half Term)	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.

28-Aug	No Homework		
4-Sep	No Homework		
11-Sep	Binary, denary, hexadecimal Conversions		
	Binary addition		
	0011+1011		
	0111+1101		
18-Sep	1111+0101		
	1011+1011		
	1110+0111		
	Two's compliment		
25-Sep	Convert -78 to 78 using two's complement		
2-Oct	<ul> <li>A memory stick is advertised as having a capacity of 64 GiB.</li> <li>a How many photographs of size 10 KiB could be stored on this memory stick?</li> <li>b John wants to store 400 photographs in a folder on his solid state drive (SSD). Each photograph is 10 KiB in size. <ul> <li>i Name one way of reducing the size of this file.</li> <li>ii Give two advantages of reducing the size of his photography files.</li> <li>iii Give one disadvantage of reducing files using the method named in part b i.</li> </ul> </li> <li>c The original photographs were stored as bitmap images. <ul> <li>i Explain why 3 bytes of data would be needed to store each pixel in the bitmap image.</li> <li>ii Calculate how many different pixel colours could be formed if one of the bytes gives the intensity of the red colour, one of the bytes gives the intensity of the blue colour.</li> </ul> </li> </ul>		
9-Oct	Maisey purchases a new router and attaches it to her computer.         The connection she sets up uses duplex data transmission.         a Five statements are given about duplex data transmission.         Tick (✓) to show if the statement is True or False.         [5]         Statement         Duplex data transmission can be either serial or parallel         Duplex data transmission is when data is transmitted both ways, but only one way at a time         Duplex data transmission is always used to connect a device to a computer         Duplex data transmission automatically detects any errors in data         Duplex data transmission automatically detects any errors in data         State whether the IC uses serial or parallel data transmission.         [1]         c Maisey's computer uses an integrated circuit (IC) for data transmission that sends multiple bits at the same time.         State whether the IC uses serial or parallel data transmission.         [1]         c Maisey purchases a new printer and connects it to her computer using the USB port.         Explain two benefits of using a USB connection.       [4]		

	Eight descriptions are given in the followin columns are labelled checksum, parity che Tick (✓) the appropriate column which cor description to the error-checking techniqu is possible to match 1, 2, 3 or none of the	ck and ARQ. rectly match e. For each d	es each lescription, it	[8]
	Description	Checksum ✓	Parity check	ARQ ✓
	extra bit sent with each byte of data			
	makes use of timeout and acknowledgement			
16-Oct	if an error is found, a request is made to re-send the data			
10 000	check on whether a data packet has been changed following transmission			
	re-calculation made on any additional data values sent to the recipient			
	data is transmitted in blocks or packets			
	a method that can determine which bit in a data stream has been changed			
	additional value sent at the end of a block of data to be used to check if any data transmission errors occurred	1		
23-Oct (Half Term)				

28-Aug	No Homework
4-Sep	No Homework
11-Sep	Complete workbook Unit 1 – Types and Components of a Computer System practice questions
18-Sep	No Homework
25-Sep	Homework submssion
2-Oct	Complete workbook Unit 2 – Input and Output devices practice questions
9-Oct	Prepare for Unit 1– Types and Components of a Computer System Class Test
16-Oct	Homework submission
23-Oct (Half Term)	

# Art and Design

28-Aug	No Homework
4-Sep	Intro to GCSE Art and Design
11-Sep	Induction GCSE project – Choice of Artist research and Layout.
18-Sep	Submission of complete baseline Outcomes
25-Sep	Compete of GCSE Component One - Theme and Mind map.
2-Oct	Initial Ideas and brainstorming work completion for live feedback.
9-Oct	Observational drawings from primary and secondary resources.
16-Oct	Planning for first outcome – part of component-one.
23-Oct (Half Term)	Completion and submission of Art outcome.

PE

28-Aug	No Homework
4-Sep	No Homework
11-Sep	No Homework
18-Sep	Health related physical fitness
25-Sep	Health related physical fitness
2-Oct	Health related physical fitness
9-Oct	Health related physical fitness
16-Oct	Health related physical fitness
23-Oct (Half Term)	No homework

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#### French

28-Aug	No Homework
4-Sep	No Homework
11-Sep	Assignment on TEAMS
18-Sep	No Homework
25-Sep	Assignment on TEAMS
2-Oct	Answers on TEAMS Self-assessment
9-Oct	Assignment on TEAMS write 80 words paragraph
16-Oct	Submit your assignment
23-Oct (Half Term)	No Homework

## **Business Studies**

28-Aug	No Homework
4-Sep	Solve Case Study uploaded in TEAMS
11-Sep	Self-assessment of Case Study - 1.1.3 Sectors of the economy - Page 7. (AQA IGCSE Business Textbook)
18-Sep	Solve Case Study – James Dyson – Page 8. (AQA IGCSE Business Textbook)
25-Sep	Revise Chapter 1.1 to 1.1.3. (AQA IGCSE Business Textbook)
2-Oct	Read Chapter 1.4
9-Oct	Do summary questions – Page 11. (AQA IGCSE Business Textbook)
16-Oct	Self-assessment of Amin's Case Study uploaded on TEAMS.
23-Oct (Half Term)	

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## Economics

28-Aug	No Homework
4-Sep	Solve Case Study uploaded in TEAMS
11-Sep	Self-assessment of Case Study. Read Chapter 5. (Pearson Edexcel Economics Textbook)
18-Sep	Solve Case Study Uploaded on Teams.
25-Sep	Read Chapter 6 . (Pearson Edexcel Economics Textbook)
2-Oct	Read Chapter 7 ( Pearson Edexcel Economics Textbook)

9-Oct	Solve Case Study uploaded on Teams.
16-Oct	Self-assessment of Case Study and re write answers not in line with marking scheme.
23-Oct (Half Term)	

## Accounting

28-Aug	No Homework
4-Sep	End of chapter and exam practice questions - Page 09,10,19.
11-Sep	Exam practice questions – Page 25, 35.
18-Sep	Practice questions uploaded on teams.
25-Sep	Practice questions uploaded on teams.
2-Oct	Self Assess the questions solved last week. Refer to TEAMS
9-Oct	Practice questions uploaded on teams.
16-Oct	Practice questions uploaded on teams.
23-Oct (Half Term)	

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# **Global Perspectives**

28-Aug	No homework
4-Sep	Go through case study on component 1 – Education for all and present an essay

11-Sep	Go through case study on component 1 – Employment and present an essay
18-Sep	Go through case study on component 1 – Fuel & Energy and present an essay
25-Sep	Go through case study on component 1 – Globalization and present an essay
2-Oct	Go through case study on component 1 – Law & Criminality and present an essay
9-Oct	Go through case study on component 1 – Migration and present an essay
16-Oct	Go through case study on component 1 – Transport Systems and present an essay
23-Oct (Half Term)	Answer four compulsory sections. Questions are based on sources and will vary from 1 mark to a longer 15 mark answer. The sources will present a global issue from different perspectives, drawn from a list of eight topics.

# **BTEC Sports**

28-Aug	No homework
4-Sep	Complete the tables for the components of fitness – physical and skill
11-Sep	Research methods of training that are relevant to endurance games player
18-Sep	Research and complete notes for fitness test procedures
25-Sep	Research and complete notes for fitness test procedures
2-Oct	Complete research on psychological factors on sports training and performance
9-Oct	Complete notes on the lifestyle factors that affect sports training and performance
16-Oct	Complete your personal fitness profile How does it compare to an elite athlete?
23-Oct (Half Term)	Watch a sports clip of an elite endurance team game and write 500 words to demonstrate your understanding of fitness and training.

28-Aug	No homework
4-Sep	Research hospitality sector
11-Sep	Research chosen contrasting businesses in hospitality sector
18-Sep	Unit 1 Report Preparation
25-Sep	Unit 1 Assignment Deadline
2-Oct	Unit 18AB
9-Oct	Unit 18AB
16-Oct	Unit 18AB
23-Oct (Half Term)	Unit 18AB Assignment Deadline

## **BTEC IT**

28-Aug	No homework
4-Sep	Conduct Unit 1 Research
11-Sep	Unit 1 Assignment Writing
18-Sep	Unit 1 Assignment Writing
25-Sep	Unit 1 Assignment Writing
2-Oct	Unit 1 Assignment Writing
9-Oct	Conduct Unit 3 Research

16-Oct	Submissions
23-Oct (Half Term)	Unit 2 research

## **Travel and Tourism**

28-Aug	Research and understand the structure of the international travel and tourism industry
4-Sep	Investigate the social, cultural, economic and environmental impact of travel and tourism
11-Sep	Identify the role of national governments in forming tourism policy and promotion
18-Sep	Research and understand the patterns of demand for international travel and tourism
25-Sep	a) Patterns of demand for international tourism; historic trends of international tourism, volume and value (b) Major tourism generators and receiving countries in the world, including current trends
2-Oct	Understand the main global features
9-Oct	<ul> <li>A) Location of major continental land masses, oceans and seas (B) Location of the world's major cities in relation to their importance as major transport hubs and destinations</li> </ul>
16-Oct	Demonstrate awareness of different time zones and climates
23-Oct (Half Term)	Investigate travel and tourism destinations

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## Media IGCSE

28-Aug	Advertising NHS – conventions of genre task
4-Sep	Advertising NHS – multiple choice handout
11-Sep	Advertising Galaxy – social and historical context task
18-Sep	Advertising Galaxy – media language analysis
25-Sep	Advertising Omo – Stereotypes task in booklet

2-Oct	Advertising Omo – Past paper question from booklet
9-Oct	Music Videos BlackPink - Past paper question from booklet
16-Oct	Music Videos BlackPink - Past paper question from booklet
23-Oct (Half Term)	No homework

#### Drama

28-Aug	No Assignment
4-Sep	Introduction of Component 1 – Devising (Groupings established)
11-Sep	Introduction of Component 1 – Devising (Groupings finalised)
18-Sep	Make a short research paper about the play (An Inspector Calls) focusing on historical background of the play
25-Sep	Make a short research paper about the play (An Inspector Calls) focusing on characters of the play
2-Oct	Submit answers to Mock Paper question A ( I )
9-Oct	Submit answers to Mock Paper question A (ii)
16-Oct	Submit answers to Mock Paper question B ( I )
23-Oct (Half Term)	Submit answers to Mock Paper question B (ii)

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Psychology

28-Aug

No homework

4-Sep	Worksheet uploaded in teams – how to write an essay – different types of memory
11-Sep	Worksheet uploaded in teams – Murdock study
18-Sep	Worksheet uploaded in teams – War of Ghosts jumble
25-Sep	Worksheet uploaded in teams – Gibson's theory – essay writing
2-Oct	Worksheet uploaded in teams – Applying visual illusions
9-Oct	Worksheet uploaded in teams – how well do you know Burner and Minturn study
16-Oct	Worksheet uploaded in teams – Early brain development – gap fill
23-Oct (Half Term)	Worksheet uploaded in teams – Application – assimilation and accommodation