Year 8
Homework
Information Booklet

For students and parents

Key information about the 'Tic Tac Toe' system

Aims

- To develop independent learners
- To encourage students to manage their time effectively
- To enable students to be resourceful

How does Tic Tac Toe work?

- Students are to complete two tasks over the term in each subject area.
- For Task 1 students have a choice from 4 different tasks.
- All students complete the same Task 2.
- For each task that is chosen there is a due date
- In some cases this is denoted by 'w/c' which means week commencing. Students should then submit the work in their lesson that week.

How long should students spend?

- Students should spend around 60 minutes on each task in Year 8.
- Students are encouraged to break up the tasks into research, producing and proof reading.

If you have any questions then please do not hesitate to ask, by contacting
Carla.Hyland@dovercourt.edu.sg

Computing 1. LO: Use code blocks to control objects in a Galaxy Far Far away… *Task: **Star Wars Blocks** Hour of Code* Due date: 30/04/2018 Top tip: Login using your secret picture, click course catalogue, scroll down to the Hour of Code heading and select Star Wars. Then click the **blocks** start button and complete the course	Computing 1. LO: Commands, repeat loops, if statements *Task: Minecraft **Adventure** Hour of Code* Due date: 30/04/2018 Top tip: Login using your secret picture, click course catalogue, scroll down to the Hour of Code heading and select Minecraft. Then click the Minecraft Adventure start button and complete the course
Computing 1. LO: use code blocks to create a game using coding fundamentals *Task: **Make a sports** Hour of Code* Due date: 30/04/2018 Top tip: Login using your secret picture, click course catalogue, scroll down to the Hour of Code heading, click view more hour of code tutorials and select Sports. Then click mix and match across sports.	Computing 1. LO: Commands, repeat loops, if statements *Task: Minecraft **Adventure** Hour of Code* Due date: 30/04/2018 Top tip: Login using your secret picture, click course catalogue, scroll down to the Hour of Code heading and select Minecraft. Then click the Minecraft Adventure start button and complete the course

DT
2. LO: I understand that the choice of material can impact the environment.

Task:
    a. *In your own words, explain what is meant by sustainable forestry.*
    b. *Do you think timber production be environmentally friendly?*

Due date: 18/06/2018

Top Tip: Among other sources, you may wish to search for "Sustainable forest management (SFM)" and consider the balance between ecological, economic, and social factors.

1. LO: To be able use original ideas for two or more instruments, while exploring a range of textures. *Task:* Compose a movie trailer for 'The Magic Flute' that focuses on **texture and pitch**. The trailer can be found on the 'About' section of your Google Classroom. Due date: 21/05/2018 Top Tip: Refer to the class discussion on the Google Document that we've been using in class, in order to ignite your own ideas. ***Further instructions are found on the 'Stream' page of your Google Classroom.***	1. LO: To be able use original ideas for two or more instruments, while exploring a range of textures. *Task:* Compose a movie trailer for 'The Magic Flute' that focuses on **harmony**. The trailer can be found on the 'About' section of your Google Classroom. Due date: 21/05/2018 Top Tip: Refer to the class discussion on the Google Document that we've been using in class, in order to ignite your own ideas. ***Further instructions are found on the 'Stream' page of your Google Classroom.***
1. LO: To be able use original ideas for two or more instruments, while exploring a range of textures. *Task:* Compose a movie trailer for 'The Magic Flute' that focuses on **diegetic sound**. The trailer can be found on the 'About' section of your Google Classroom. Due date: 21/05/2018 Top Tip: Refer to the class discussion on the Google Document that we've been using in class, in order to ignite your own ideas. ***Further instructions are found on the 'Stream' page of your Google Classroom.***	1. LO: To be able use original ideas for two or more instruments, while exploring a range of textures. *Task:* Compose a movie trailer for 'The Magic Flute' that focuses on **timbre**. The trailer can be found on the 'About' section of your Google Classroom. Due date: 21/05/2018 Top Tip: Refer to the class discussion on the Google Document that we've been using in class, in order to ignite your own ideas. ***Further instructions are found on the 'Stream' page of your Google Classroom.***

2. L.O: To create an Artist study on Chuck Close- 'Self-portrait'

Task: Using the examples on Edmodo- create a visually exciting and well researched Artist study on the Artist Chuck Close and his 'Self Portrait' 2004-2005.

Due date: w/c 11/06/2018

Top tip: For more examples of excellently presented artist studies please go to www.studentartguide.com

1. LO: Language Perfect World Championships 2018	1. LO: Language Perfect World Championships 2018
Task: You are invited to participate in the Language Perfect World Championships 2018 from 21st to 31st May. You are required to earn a minimum of 1000 points but you are welcome to complete more as you will be awarded in certificates and lucky draw prizes from the organisation. (http://worldseries.educationperfect.com/prizes.html). The prizes vary from iTunes vouchers all the way through to bigger prizes, such as a Macbook Air. Due date: 21.05.18 (Start: 2pm) to 31.05.18 (End: 2pm) Top Tip: You will be given the username and password in class on the 18th May. A briefing will be conducted during lessons. If you forget your password, please email Ms Milton.	*Task: You are invited to participate in the Language Perfect World Championships 2018 from 21st to 31st May. You are required to earn a minimum of 1000 points but you are welcome to complete more as you will be awarded in certificates and lucky draw prizes from the organisation. (http://worldseries.educationperfect.com/prizes.html). The prizes vary from iTunes vouchers all the way through to bigger prizes, such as a Macbook Air.* Due date: 21.05.18 (Start: 2pm) to 31.05.18 (End: 2pm) Top Tip: You will be given the username and password in class on the 18th May. A briefing will be conducted during lessons. If you forget your password, please email Ms Milton.
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2. LO: to recap all vocabulary and grammar covered this year

Task: complete the revision pack given to you by Ms Milton in class.

Due date: 25/06/18

Top tip: Use your book to help you consolidate all you have learnt this year. Keep this pack safe as it will come in handy in your revision next year too!

1. LO: To be able to describe how a group of people should use an environment sustainably. *Task:* Create a 6 step code of conduct for climbers using a limestone environment. Include: • The types of damage a climber might do and the problems they might cause. • 6 rules to follow. • An explanation why they should follow each rule. • A colourful and eye catching design <u>using images.</u> Due date: WC 14/05/2018 Top tip: Not only think about how to protect the environment, but how would the climber stay safe?	1. LO: To be able to show how a limestone environment forms. *Task:* Using your book <u>and</u> further research, create a storyboard explaining how limestone environments form. <u>Include:</u> • A clear sequence on how a limestone environment forms. • A set of diagrams to support the written work on how the environment forms. Due date: WC 14/05/2018 Top Tip: Look at the following web-link to support your understanding: http://www.rgs.org/webcasts/activities/limestonelandscapept2.html
1. LO: To be able to describe how different types of rock form *Task:* Task: Create a series of <u>explained</u> diagrams showing the rock cycle. <u>Include:</u> • Three types of rocks and describe how each of them form. • Links to how one leads to another in a cycle. Explain the links between the different types of rock Due date: WC 14/05/2018 Top Tip: Use a clear format to your diagrams, think about your presentation.	1. LO: To be able to explain the conflicts on one type of land user. *Task:* : Write a letter to the local government in Krabi, Thailand, to explain why a group of users (such as climbers or base jumpers) should be banned from using the environment. Due date: WC 14/052018 Top tip: Use a clear and accurate letter format and brainstorm the impacts the group of people have on the particular environment.

2. LO: To be able to explain how sports venues can be developed sustainably. *Task:* Design a sustainable sports stadium. Produce a 'birds-eye' view of your design including clear annotations of the different sustainable features. Explain why they are important. <u>Include:</u> • Environmentally sustainable features (e.g. solar panels for electricity, bird boxes etc…) • Socially sustainable features (e.g. sports facilities for local people) • Economically sustainable features (e.g. the jobs you would include) • Labels and explanations of your features. Due date: WC 04/06/2018 Top tip: Label all your features clearly and explain why they have been included within your design

1. LO: Explain, analyse and make judgments about historical events and periods studied using second order historical concepts. *Task: Create a Poster on the benefits of the British empire for Britain.* - *Must include key dates.* - *Must include key individuals.* - *Must have images.* *Challenge: Are there any modern benefits that can be attributed to the British empire?* **Due date: wc 21/05/2018** *Top Tip: Mention more than one benefit.*	**1. LO: Explain, analyse and make judgments about historical events and periods studied using second order historical concepts.** *Task: Create a timeline of key events of a country that was part of the British empire.* - *Must include key events.* - Must have images (printed or drawn) - Must have a short summary (not more than 50 words) explaining why these dates were significant. Challenge: Identify which were events of significant change. **Due date: WC 21/05/2018** *Top tip:* Include between 6 and 10 dates.
1. LO: To interpret and cross-refer sources to understand about a past event. *Task: Find two primary sources about the British Empire that have different interpretations of the empire.* - *Annotate the sources.* - *Write a summary of the interpretations explaining <u>why</u> they differ.* Challenge: Include a quotation from a historian supporting the interpretation for one or both of the sources. **Due date: WC 21/05/2018** Top Tip: You might want to consider Nature, Origin and Purpose (NOP) in your answer.	**1. LO: Explain, analyse and make judgments about historical events and periods.** *Task: Write a newspaper article about a key event during the British empire.* *Challenge: Include primary sources as evidence in your article.* **Due date: WC 21/05/2018** *Top tip: This could be the discovery of a new colony, the first shipment of colonists, a key battle or a mutiny.*

2. LO: To explain, analyse and make judgments about historical events and periods. Task: To create a historical interpretation of the British empire. This can be; - a quotation of 50 – 100 words summarizing the British empire. - A cartoon (with caption) displaying an element of the British Empire. - A mural/ image (with title) identifying an aspect of the British Empire. **Due Date: WC 11/06/2018** Helpful hint: Look at examples on google of political cartoons (PUNCH, Spectator, Economist) Banksy and Guernica to get ideas.

1. LO: To be able to understand hero/ heroine in the Chinese history. *Task: You are required to do a research on a historical person Sun Yat Sen in the Chinese history. Complete a PowerPoint with minimum 6 slides (max. 8 slides). Prepare a memo on hand that you are going to present in class.* Due date: 30.04.18 Top Tip: You could share more information about how Sun Yat Sen set up the new generation in Chinese history.	**1. LO: To be able to recognise and revise the learnt characters and phrases.** *Task: You are required to complete the set task from Memrise.com.* *Set topic: 'Radicals' and you are required to achieve minimum 3000 points.* Due date: 30.04.18 Top Tip: If you are not sure on how to sign up the account and group link, please refer to the instructional list from your folder or email to Mr. Leow / Ms. Hey to get the information.
1. LO: To understand about a city in China. *Task: You are required to do a research on the famous city in Xi'An, China. Complete a PowerPoint with minimum 6 slides (max.8 slides). Prepare a memo on hand that you are going to present in class.* Due date: 30.04.18 Top Tip: You could share more information about the food and dining etiquette, arts, places of tourism and cultural activities etc.	**1. LO: To be able to say a paragraph from the learnt topics.** *Task: Prepare a speech in Chinese not exceeding 3 minutes. Provide information about 'Colours and Clothes''. Send your recordings to your Mandarin teacher.* (jonathan.leow@dovercourt.edu.sg) (tracy.hey@dovercourt.edu.sg) Due date: 30.04.18 Top Tip: If you need help, please refer to your Mandarin exercise book.

2. LO: To be able to recognise and revise learnt characters and phrases. *Task: You are invited to participate the Language Perfect World Championships 2018 from 21st to 31st May. You are required to earn a minimum of 1000 points but you are welcome to complete more as you will be awarded in certificates and lucky draw prizes from the organisation.* (http://worldseries.educationperfect.com/prizes.html) Competition date: 21.05.18 (Start: 2pm) to 31.05.18 (End: 2pm) Due date: 18.06.18 Top Tip: You will be given the username and password in class on the 18th May. A briefing will be conducted during lessons. If you forget your password, please email Mr Leow or Ms Hey to reset.

1. LO: To construct a range of valid circuits *Task: Using proper circuit symbols produce four detailed, neat and accurate circuit diagrams to test your class-mates on. You should include the answers on the back / on a separate sheet.* *CHALLENGE: Include one incorrect circuit / component to catch your class-mate out!* Due date: 07/05/2018 Top tip: Include series and parallel circuits and at least at least 4 components in each one! Use the circuit symbols given to you in class.	1. LO: To describe the uses of magnets in everyday life *Task: Produce a poster on the uses of magnets in everyday life. Describe why each use is benefitted by being a magnet. You should include at least one electromagnet.* *CHALLENGE: Can you think of alternative uses of magnets not already being done!?* Due date: 07/05/2018 Top Tip: fridge magnets / door stops / the bullet train / car scrapyard / toys / nuclear fusion reactor / bags / particle accelerators / compasses / speakers / MRI machines
1. LO: To explain the differences between current, potential difference and resistance. *Task: Use an analogy / personification to discuss the differences between current, potential difference and resistance in a circuit!* *CHALLENGE: What are the limits of you analogy!?* Due date: 07/05/2018 Top Tip: one 'flows', one 'pushes' and one 'resists'. A classic analogy is that of water flowing!	1. LO: To evaluate power usage and energy efficiency *Task: Research the power usage of **an** electrical appliance. Discuss alternative more 'efficient' options. Present this in the form of a catalogue (of laptops or smart phones for instance).* *CHALLENGE: Which is best and why?* Due date: 07/05/2018 Top tip: power = energy / time $P = E / t$ OR power = current × voltage $P = I × V$ Efficiency: power out/ power in!

2. LO: To describe the process of gas exchange *Task: Construct an annotated flow-chart of diagrams to show how gas is exchanged for respiration in a plant OR animal.* *CHALLENGE: for a photosynthesising plant discuss the 'compensation point' of oxygen production!* Due date: 25/06/2018 Top tip: *Include: what molecule goes in and how (pressure / diffusion), what happens inside (the structure of the animal / plant), how it is used (the chemical equation for respiration!) and then how it is expelled (diffusion).*

Additional notes about core subjects

MATHEMATICS

- Students in Key Stage 3 will be set two pieces of homework per week.

- One piece will be set from *MyiMaths*, an online portal for which the students have personalised logins. These pieces will be marked online and their results logged. The tasks can be done several times for more practice, as the tasks change each time.

- The second piece of homework will be written, and should take around 25 minutes. It will be marked by the teacher or by peers in class.

- If homework is not completed the Behaviour for Learning policy will be applied and additional Math's Department detentions may be set.

ENGLISH

- Students in Key stage 3 will be set two pieces of homework per week.

- One piece will be set in direct relation to the classwork, and should take a minimum of forty minutes.

- The other piece will be shorter and relate to key skills such as spelling, punctuation and grammar: for example, revising for a spelling test, correcting punctuation in a text etc.

- All homework will be recorded in student planners. If not completed additional department sanctions may be set.

OVERVIEW OF DEADLINES FOR YEAR 8 Term 3

	Task 1	Task 2
Creative Arts	w/c 21/05/2018	w/c 11/06/2018
DT + Computing	w/c 30/04/2018	w/c 18/06/2018
French	w/c 07/05/2018	w/c 25/06/2018
Geography	w/c 14/05/2018	w/c 04/06/2018
History	w/c 21/05/2018	w/c 11/06/2018
Mandarin	w/c 30/04/2018	w/c 18/06/2018
Science	w/c 07/05/2018	w/c 25/06/2018