Year 7I
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 45 minutes on each task in Year 7.
- 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 Java script** Hour of Code* Due date: 07/05/2018 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 **Designer** Hour of Code* Due date: 07/05/2018 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 *Designer* start button and complete the course
Computing 1. LO: use code blocks to create a game using coding fundamentals *Task: **Make a basketball game** Hour of Code* Due date: 07/05/2018 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 make a basketball game.	Computing 1. LO: Commands, repeat loops, if statements *Task: Minecraft **Designer** Hour of Code* Due date: 07/05/2018 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 *Designer* start button and complete the course

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

Task: In your own words, explain what is meant by sustainable forestry.

Due date: 11/06/2018

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: Use a range of timbres and techniques with stylistic communication in composition. *Task:* Compose a soundscape for the specific **Horror clip** using appropriate musical sources. Use the video clip and resources available on the 'About' page of your Google Classroom account. Due date: w/c 30/04/2018 Top Tip: Revise the musical elements which are combined to create a sense of <u>horror.</u>	1. LO: Use a range of timbres and techniques with stylistic communication in composition. *Task:* Compose a soundscape for the specific **Jaws clip** using appropriate musical sources. Use the video clip and resources available on the 'About' page of your Google Classroom account. Due date: w/c 30/04/2018 Top Tip: Revise the musical elements which are combined to create a sense of <u>suspense.</u>
1. LO: Use a range of timbres and techniques with stylistic communication in composition. *Task:* Compose a soundscape for the specific **ET clip** using appropriate musical sources. Use the video clip and resources available on the 'About' page of your Google Classroom account. Due date: w/c 30/04/2018 Top Tip: Revise the musical elements which are combined to create a sense of <u>anticipation.</u>	1. LO: Use a range of timbres and techniques with stylistic communication in composition. *Task:* Compose a soundscape for the specific **Fantasy clip** using appropriate musical sources. Use the video clip and resources available on the 'About' page of your Google Classroom account. Due date: w/c 30/04/2018 Top Tip: Revise the musical elements which are combined to create a sense of <u>fantasy.</u>

2. L.O: To understand the context of a movement or style of art.

Task: To research the history of shadow puppetry and present this on 1 side of A4 plain paper. The research should be presented with images to explain your research which can be printed from a computer or hand drawn.

Due date: w/c 04/06/2018

Top tip: Questions to consider for your research:
- What country did shadow puppets originate from?
- What materials were they made from?
- What purpose do they serve?

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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* Due to the nature of the competition we would like all students to complete the same task this term.

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: 18/06/18 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: LO: To be able to describe the water cycle. *Task:* Create a poster to explain the *'water cycle'*. **Include**: • A definition and examples of stores and flows • How water moves between different stores • Use a clear, labelled diagram • Add colour and make sure it is presented to a high standard. Due date: w/c 21/05/2018 Top tip: Use colours and clear labels to display the water cycle clearly.	1. LO: To be able to describe different types of clouds. *Task:* Create a '*Cloud Spotters'* leaflet showing the different types of clouds and their weather conditions. **Include**: • Include an introduction to explain how clouds are formed • Different pictures of common types of clouds. • The different heights and weather conditions associated with each cloud type. Due date: w/c 21/05/2018 Top Tip: Use images to support your work. Keep it simple, maybe research only 5 types of clouds.
1. LO: To be able to describe how we can record the weather. *Task:* Produce a poster to inform people on how we can measure different types of weather. **Include**: • Rainfall • Cloud • Temperature • Wind speed. Due date: w/c 21/05/2018 Top Tip: Research the different methods clearly before you attempt them.	1. LO: To be able to compare climates using geographical information. *Task:* Choose two separate global locations and compare their climate. **Include:** • A climate graph for both locations. • A write up describing the differences between them (e.g. it is wetter in month x at place A, this is different to …….) Due date: w/c 21/05/2018 Top tip: Create a hand-drawn version of the climate graphs for both locations to show your geographical data skills.

2. LO: To be able to describe the causes of climate change. *Task:*   Research and create a presentation showing the impacts of climate change on people in two different places.   Include: • How will rising sea levels affect the Maldives? (Relate to Social and economic issues). • How will warming climates affect Greenland? (Relate to Social and economic issues). Due date: w/c 25/06/2018 Top tip: Use a mind map to present your findings from your research.

1. LO: Explain, analyse and make judgments about historical events and periods studied using second order historical concepts.

Task: Create a Poster on the causes of the Peasants Revolt.
- *Must include key dates.*
- *Must include key individuals.*
- *Must have images.*

Challenge: Have some identification of the significance of the causes and explanation of which was the most significant.

Due date: 30/04/2018

Top Tip: Mention more than one reason.

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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 in the Peasants Revolt.
- *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 30/04/2018

Top tip: Include between 6 and 10 dates.

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1. LO: To interpret and cross-refer sources to understand about a past event.

Task: Find two primary sources about the Black Death that suggest different causes of the disease.
- *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 30/04/2018

Top Tip: You might want to consider Nature, Origin and Purpose (NOP) in your answer.

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1. LO: Explain, analyse and make judgments about historical events and periods.

Task: Write an obituary for Wat Tyler explaining what kind of man he was.
- *Have a clear opinion on him.*
- *Must include an image.*
- *Include key events from his life.*
- *Include evidence to back up your opinion.*

Challenge: Identify that some have a different view whilst explaining that yours is the correct interpretation.

Due date: WC 30/04/2018

Top tip: Look at an obituary in a newspaper to show how to compose your obituary.

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2. LO: To explain, analyse and make judgments about historical events and periods.

Task: Create top trumps cards of the Tudor Monarchs.

Due Date: WC 04/06/2018

Top Tip: Include the categories; length of Reign, image whilst alive, defeating enemies, reputation after death. Special skill (e.g. diplomacy / setting up a new religion/ burning enemies…)

Challenge: Include other key individuals from the Tudor period that you think were significant.

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: 07.05.18 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: 07.05.18 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 ChengDu, 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: 07.05.18 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: 07.05.18 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: 11.06.18

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 describe the pH scale *Task:* **Create a pH scale** *on paper/ using IT.* *Your scale should include:* • *colour and* • *useful information, e.g. examples of solutions that are each pH.* **Due date: 14/5/2018** Top tip: Visit the following website for help: http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre_2011/chemical_synthesis/acidsalkalisrev2.shtml	1. LO: To understand that: acid + base → salt + water *Task: Imagine that your friend is really struggling to understand that acid + base → salt + water.* **Create a help sheet** *for them which will explain this.* *Include:* • *examples of equations and* • *how the name of the salt is formulated.* **Due date: 14/5/2018** Top Tip: This is tricky! Visit the following website for help: http://www.bbc.co.uk/schools/gcsebitesize/science/ocr_gateway/chemical_resources/acids_basesrev3.shtml
1. LO: To understand the process of neutralization *Task:* **Create a storyboard** *of a neutralization reaction.* *You should include:* • *the correct equipment and* • *how the solution can be tested at the end to see if the neutralization was successful.* **Due date: 14/5/2018** Top Tip: Watch this video of a neutralization to help you: https://www.youtube.com/watch?v=vVOZe3fnoX0	1. LO: To understand the importance of indicators *Task:* **Create your own indicator** *using red cabbage!* • *Take a photo of the main stages in the preparation and* • *describe what you did in each one.* **Due date: 14/5/2018** Top tip: Use the following website to help you: https://www.sciencekiddo.com/red-cabbage-ph-indicator/ **WARNING: This method involves boiling water. ONLY DO THIS WITH ADULT SUPERVISION**

2. LO: To be confident drawing and interpreting distance-time graphs. *Task:* **Draw a distance-time graph** *for your journey to school. This should be done on graph paper and the following things should be labelled:* *-Times when you/ the vehicle is stationary, e.g. when at traffic lights* *-Times of increasing speed (acceleration)* *-Times of decreasing speed (deceleration)* **Due date: 18/6/2018** Top tip: Remember that the line on the graph will be flat when something is stationary. Visit this website for help: http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/forces/forcesmotionrev1.shtml

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 20 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 7 Term 3

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