



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 choose three tasks to complete over the term in each subject area.
- The tasks should form a line that runs through the centre. The line can be vertical, horizontal or diagonal.
- Each pupil should complete a task labelled as 1, 2 and 3
- 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

TERM ONE

Creative Arts

YEAR 7

<u>MUSIC</u>	<u>MUSIC</u>	<u>VISUAL ARTS</u>
<p>1. LO: To be able to understand, identify, and discuss simple features using the music elements.</p> <p>Task: Complete the listening task and musical elements quiz on the worksheet 'Building Blocks of Music'.</p> <p>Due date: <u>w/c 18/09/17</u></p> <p>Top Tip: Close your eyes when completing the listening task. You'll find that you actively listen closely to the finer sounds!</p>	<p>1. LO: To be able to understand, identify, and discuss simple features using the music elements.</p> <p>Task: Complete the listening task and musical elements quiz on the worksheet 'Building Blocks of Music'.</p> <p>Due date: <u>w/c 30/10/17</u></p> <p>Top Tip: Close your eyes when completing the listening task. You'll find that you actively listen closely to the finer sounds!</p>	<p>2. LO: What are the Formal Elements and how can they be used in Art?</p> <p><i>Task: Create an exciting and informative title page for your sketchbook introducing the formal elements.</i></p> <p>Due date: <u>w/c 30/10/17</u></p> <p>Top Tip: Don't miss any out! Remember to look at your learning from our first lesson to help you!</p>
<p>MUSIC</p> <p>1. LO: To be able to understand, identify, and discuss simple features using the music elements.</p> <p>Task: Complete the listening task and musical elements quiz on the worksheet 'Building Blocks of Music'.</p> <p>Due date: <u>w/c 18/09/17</u></p> <p>Top Tip: Close your eyes when completing the listening task. You'll find that you actively listen closely to the finer sounds!</p>	<p>VISUAL ARTS</p> <p>3. LO: To explore other Artists and be able to explain my own opinion.</p> <p><i>Task: To create an 'Artist Study' on the piece of work 'Workman' by Alberto Giacometti.</i></p> <p>Due date: <u>w/c 27/11/17</u></p> <p>Top tip: Visit the Year 7 Art Edmodo page to understand what is an Artist study and directions on how to present this.</p>	<p>VISUAL ARTS</p> <p>2. LO: To visit an Art gallery or museum.</p> <p><i>Task: Walk around the Art gallery and museum and choose a piece of work that you DISLIKE. Take a photo of this (remember don't use a flash!) and present this alongside a paragraph explaining your decision.</i></p> <p>Due date: <u>w/c 30/10/17</u></p> <p>Top Tip: There is no right or wrong answer for this task- you are forming your own opinion on artwork that you are viewing.</p>
<p>MUSIC</p> <p>1. LO: To be able to understand, identify, and discuss simple features using the music elements.</p> <p>Task: Complete the listening task and musical elements quiz on the worksheet 'Building Blocks of Music'.</p> <p>Due date: <u>w/c 18/09/17</u></p> <p>Top Tip: Close your eyes when completing the listening task. You'll find that you actively listen closely to the finer sounds!</p>	<p>VISUAL ARTS</p> <p>2. LO: To record your ideas using different media</p> <p><i>Task: Keep a creative diary for a week. Try to keep the words that you write to a minimum and express your actions or activities through drawing, sticking, collaging, the list is endless!</i></p> <p>Due date: <u>w/c 30/10/17</u></p> <p>Top Tip: Be dynamic! Does your diary have to be on paper? What other ways could you create a creative diary? Research the following Artists for some ideas: Alice Fox-Rust Diaries Angela Moll Francis Alys 'When making something leads to nothing' Samantha Cotterill Joseph Cornell 'boxes'</p>	<p>VISUAL ARTS</p> <p>2. LO: To learn how to look at objects that are in front of you and not just draw what's in your head.</p> <p><i>Task: Collect 3 or 4 objects from your house/your bedroom/outside. Arrange these into an interesting composition. Take a photo, which you can stick next to your final drawing. Using a piece of A4 paper draw the composition using line and tone.</i></p> <p>Due date: <u>w/c 30/10/17</u></p> <p>Top Tip: Presentation is very important within this subject- Please take care of your work when you are bringing it into school.</p>

<p>1. LO: To learn about general workshop safety. Task: Complete "General Workshop Safety" using OnGuard training https://tinyurl.com/yde22l3o</p> <ul style="list-style-type: none"> <i>Detailed login instructions are on Edmodo.</i> <p><i>The login format is your last name, then first name i.e. "LastnameFirstname". (no spaces, but use capitals)</i></p> <p><i>First password is "onguard"</i></p> <p>Due date: w/c 11/09/17 Top Tip: ABC – Always be careful!</p>	<p>1. LO: To learn about general workshop safety. Task: Complete "General Workshop Safety" using OnGuard training https://tinyurl.com/yde22l3o</p> <ul style="list-style-type: none"> <i>Detailed login instructions are on Edmodo.</i> <p><i>The login format is your last name, then first name i.e. "LastnameFirstname". (no spaces, but use capitals)</i></p> <p><i>First password is "onguard"</i></p> <p>Due date: w/c 11/09/17 Top Tip: ABC – Always be careful!</p>	<p>2. LO: To use effective text in powerpoint Task: Using the PPT on 'Good and Bad Use of Text' on Edmodo, create your own powerpoint about a topic of your choice, using the skills learned.</p> <p>Due date: w/c 09/10/17 Top Tip: Read the orange boxes for tips on font size and bullet points</p>
<p>1. LO: To learn about general workshop safety. Task: Complete "General Workshop Safety" using OnGuard training https://tinyurl.com/yde22l3o</p> <ul style="list-style-type: none"> <i>Detailed login instructions are on Edmodo.</i> <p><i>The login format is your last name, then first name i.e. "LastnameFirstname". (no spaces, but use capitals)</i></p> <p><i>First password is "onguard"</i></p> <p>Due date: w/c 11/09/17 Top Tip: ABC – Always be careful!</p>	<p>3. LO: To learn about general workshop safety. Task: Complete "Woodworking Handtools" using OnGuard training https://tinyurl.com/yde22l3o</p> <ul style="list-style-type: none"> <i>Detailed login instructions are on Edmodo.</i> <p><i>The login format is your last name, then first name i.e. "LastnameFirstname". (no spaces, but use capitals)</i></p> <p><i>First password is "onguard"</i></p> <p>Due date: w/c 20/11/17 Top Tip: ABC – Always be careful!</p>	<p>2. LO: To use effective text in powerpoint Task: Using the PPT on 'Good and Bad Use of Text' on Edmodo, create your own powerpoint about a topic of your choice, using the skills learned.</p> <p>Due date: w/c 09/10/17 Top Tip: Read the orange boxes for tips on font size and bullet points</p>
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TERM ONE

Geography

YEAR 7

<p>1. LO: To be able to display data clearly on a map.</p> <p>Task: Create a population map of the world. Clearly find and label a map of the world identifying twenty populous cities around the world. Then describe the distribution of these. (e.g. Many of the cities are found in x area of the world....)</p> <p>Due date: 7I - 26/09/17</p> <p>Top Tip: Think about how you show clear labels on a map, e.g. label around the outside of the map so it is clear and easy to read.</p> <p><u>Populous</u> means the area has lots of people living there.</p>	<p>1. LO: To be able to display data clearly on a map</p> <p>Task: Create a physical geography map of the world. Using your own version of a world map, create a key and identify 20 physical features of the world. This should include a range of features; such as mountains, rivers and lakes.</p> <p>Due date: 7I - 26/09/17</p> <p>Top Tip: Think about how you design the symbols- can they be replicated easily? Are they recognisable? Are there any examples you can research before you start?</p> <p>Physical features: A natural feature on the surface, such as water, mountains, and deserts</p>	<p>2. Distribution means the way something is shared out. LO: To be able to explain how plate tectonics work.</p> <p>Task: Create a poster educating students on Plate Tectonics. Create an informative and clearly detailed poster showing the four different plate boundaries and how they can move.</p> <p>Due date: 7I - 07/11/17</p> <p>Top Tip: Research the different boundaries first. Then design <u>your own</u> diagrams.</p>
<p>1. LO: To be able to use map skills effectively.</p> <p>Task: Create your own treasure map with grid references. Think about how you would display information using symbols. <u>You must</u> include a set of questions/instructions for the reader to find what they are looking for!</p> <p>Due date: 7I - 26/09/17</p> <p>Top Tip: Make sure your questions relate to skills on 4-figure grid references (we have re-capped these in class)</p>	<p>3. LO: To be able to explain the impact of a tectonic event on a population.</p> <p>Task: Create a newspaper article. Research a tectonic event (Volcanic eruption or Earthquake) from the last 10 years. You need to describe its impact on people in the area and how they responded.</p> <p>Due date: 7I - 05/12/17</p> <p>Top Tip: Plan your work first- look at the 5'w's. (What happened? When did it happen? Who was involved? Where did it happen? Why did it happen?)</p>	<p>2. LO: To be able to research how charities help people following a natural disaster</p> <p>Task: Write a diary entry. Write a diary account of a Red Cross worker on what they had to do the first two days after an earthquake.</p> <p>Due date: 7I - 07/11/17</p> <p>Top Tip: Think about empathy- what feelings and emotions can you put through your work?</p>
<p>1. LO: To be able to develop a geographical imaginations.</p> <p>Task: Create a geographical poem or story. Create a geographical poem or story about an experience in Singapore, such as a walk through the Botanic Gardens or a hike around McRitchie reservoir.</p> <p>Due date: 7I - 26/09/17</p> <p>Top Tip: Make a list of the descriptive/geographical words you might use to develop your points, make it interesting or mystical.</p>	<p>2. LO: To be able to analyse how people could prepare for an earthquake.</p> <p>Task: Create a poster explaining helpful equipment for surviving an earthquake. On an A4 sheet of plain paper design an earthquake survival kit including only 8 items. For each item describe why you have included it.</p> <p>Due date: 7I - 07/11/17</p> <p>Top Tip: Think about different times of day- what might they need during the day compared to the night? How might this alter the items you include?</p>	<p>2. LO: To be able to describe the distribution of Earthquakes and volcanoes round the world.</p> <p>Task: Create a world map showing 10 strongest earthquakes and 10 active volcanoes. On a copy of a world map, research and then add the 10 strongest earthquakes and 10 active volcanoes onto the map. You must; label the location, date and size of the earthquake or the location and date since last eruption for volcanoes.</p> <p>Due date: 7I - 07/11/17</p> <p>Top Tip: Do volcanoes and earthquakes happen in the same places? Describe the patterns you see on the map.</p>

TERM ONE

History

YEAR 7

<p>1. LO: To be able to recognise change and continuity.</p> <p>Task: Conduct independent research into life in Singapore in 1965 and today. What has changed? What has stayed the same? Present as a powerpoint presentation, with each slide focusing on a different aspect of life, eg transport / housing.</p> <p>Due date: first lesson w/c 02/10/17</p> <p>Top Tip: Decide what you want to find out about before you start your research to help you focus your search.</p>	<p>1. LO: To be able to communicate about the past.</p> <p>Task: Create a family tree to show your own personal history. Present on A4 paper. Can be handwritten or done on the computer. Try and go back as many generations as possible and attach photographs.</p> <p>Due date: first lesson w/c 2.10.2017</p> <p>Top Tip: Talk to your parents and other relatives to find out more!</p>	<p>2. LO: To be able to explain why the Roman Empire grew.</p> <p>Task: Build a 3D model of a Roman soldier. Include detail of the clothing worn and the weapons they may have had.</p> <p>Due date: first lesson w/c 13.11.2017</p> <p>Top Tip: Draw a plan before you start building. This will help you think about what materials might be appropriate and where to get them from.</p>
<p>1. LO: To demonstrate an understanding of chronology.</p> <p>Task: Complete independent research about a country of your choice (maybe your home country?). Draw a timeline adding in significant events from that country's history. Support events with images where appropriate.</p> <p>Due date: first lesson w/c 2.10.2017</p> <p>Top Tip: Think about how to judge 'significance'. Use the mind map in your exercise book to help you.</p>	<p>3. LO: To demonstrate knowledge of the rise and impact of the Roman Empire.</p> <p>Task: Create a mind map about the Roman Empire. It should answer the following:</p> <ul style="list-style-type: none"> 1. Why did they want an empire? 2. How did they take over & control their empire? 3. How did the Roman Empire affect people's lives? <p>Due Date: first lesson w/c 11.12.2017</p> <p>Top Tip: Follow the rules of Mind Maps in the Help Guide. Use colour and images.</p>	<p>2. LO: To use enquiry skills to develop knowledge of life in Ancient Rome.</p> <p>Task: Create a power point presentation about Roman Gods. Include information about at least 5 different Gods. Explain who they were and what they represented in Roman life.</p> <p>Due date: first lesson w/c 13.11.2017</p> <p>Top Tip: Don't include too much text on each powerpoint slide. Summarise things into bullet points and use images also.</p>
<p>1. LO: To evaluate and make inferences from a source</p> <p>Task: Choose a source about the 'Fall of Singapore'. Analyse it by answering the following:</p> <ul style="list-style-type: none"> 1. What is the context? 2. What is the message of the source? (paragraph answers) <p>Challenge: Is this source useful to the historian studying the Fall of Singapore? (Paragraph answers)</p> <p>Due date: first lesson w/c 2.10.2017</p> <p>Top Tip: You need to research the Fall of Singapore. Ask your teacher for a tip sheet.</p>	<p>2. LO: To use enquiry skills to develop knowledge of life in Ancient Rome</p> <p>Task: Imagine you are in charge of costumes on a film set in Roman times.</p> <p>Use the 5Ws to research about the type of clothing and jewellery that were worn. Record your findings. Either include pictures or create an outfit that would have been worn.</p> <p>Due Date: first lesson w/c 13.11.2017</p> <p>Top Tip: Add clear labels to your design to help explain them and demonstrate your understanding of Roman clothes.</p>	<p>2. LO: To demonstrate understanding of the impact the Roman Empire.</p> <p>Task: Create a leaflet to outline modern inventions / traditions / ways of life that can be attributed to the Roman Empire, for example straight roads and flushing toilets! Present on an A4 piece of paper.</p> <p>Due date: first lesson w/c 13.11.2017</p> <p>Top Tip: there are many great websites out there that can help you, but focus on websites that are designed for students / young people, not adults eg Wikipedia.</p>

TERM ONE

Mandarin

YEAR 7

<p>2. LO: To be able to say a paragraph from the learnt topics.</p> <p><i>Task: Prepare a speech in Chinese not exceeding 3 minutes. Provide information about 'Self-introduction'. Send your recordings to your Mandarin teacher. (jonathan.leow@dovercourt.edu.sg or tracy.hey@dovercourt.edu.sg)</i></p> <p>Due date: 13.11.17</p> <p>Top Tip: If you need help, refer to the Youtube links as below: https://www.youtube.com/watch?v=MCik9ylI7o8 https://www.youtube.com/watch?v=WTe4_cC4Zxc</p>	<p>2. LO: To be able to recognise and revise the learnt characters and phrases.</p> <p><i>Task: You are required to complete the set task from Memrise.com.</i></p> <p>Due date: 13.11.17</p> <p>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.</p>	<p>3. LO: To be able to say a paragraph from the learnt topics.</p> <p><i>Task: Prepare a speech not exceeding 3 minutes in English about the introduction on Chinese Pinyin pronunciation. Please send your recordings to your Mandarin teacher. (jonathan.leow@dovercourt.edu.sg or tracy.hey@dovercourt.edu.sg)</i></p> <p>Due date: 11.12.17</p> <p>Top Tip: Refer to the Youtube link as below if you need help: https://www.youtube.com/watch?v=5HjflOn7JIM</p>
<p>2. LO: To be able to understand hero/ heroine in the Chinese history.</p> <p><i>Task: You are required to do a research on a legendary woman warrior Hua Mulan 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.</i></p> <p>Due date: 13.11.17</p> <p>Top Tip: You could share more information about how Hua Mulan rewrote the gender stereotypes in the Chinese history.</p>	<p>1. LO: To be able to recognise and revise the learnt characters and phrases.</p> <p><i>Task: You are invited to participate the League of Champions - Vocabexpress 2017 from 28th September to 4th October. You are required to earn a minimum of 250 points but you are welcome to complete more. Certificates will be given if you meet the requirement from the League.</i></p> <p><i>(https://www.vocabexpress.com/co/schools/championships/)</i></p> <p>Due date: 02.10.2017</p> <p>Top Tip: You will be given the username and password in class. A briefing will be conducted during lessons soon.</p>	<p>3. LO: To be able to understand about Chinese popular people.</p> <p><i>Task: You are required to do a research on a famous Chinese actor and martial artist Bruce Lee. Complete a PowerPoint with minimum 6 slides (max. 8 slides). Prepare a memo on hand that you are going to present in class.</i></p> <p>Due date: 11.12.17</p> <p>Top Tip: You could share more information about how Bruce Lee changed the world in Chinese Martial arts.</p>
<p>2. LO: To understand about a city in China</p> <p><i>Task: You are required to do a research on the famous city in Shanghai, China. Complete a PowerPoint with minimum 6 slides (max.8 slides). Prepare a memo on hand that you are going to present in class.</i></p> <p>Due date: 13.11.17</p> <p>Top Tip: You could share more information about the food and dining etiquette, arts, places of tourism and cultural activities etc.</p>	<p>3. LO: To be able to consolidate the learning in the areas of listening, speaking and reading.</p> <p><i>Task: You are required to complete the set task from Memrise.com.</i></p> <p>Due date: 11.12.17</p> <p>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.</p>	<p>3. LO: To understand about a city in China.</p> <p><i>Task: You are required to do a research on the capital city of Beijing, China. Complete a PowerPoint with minimum 6 slides (max.8 slides). Prepare a memo on hand that you are going to present in class.</i></p> <p>Due date: 11.12.17</p> <p>Top Tip: You could share more information about the food and dining etiquette, arts, places of tourism and cultural activities etc.</p>

<p>1. LO: To be able to work safely in the lab.</p> <p>Task: All good scientists have a science passport to access the lab. Your job is to make your own! Inside must be your name and a list of rules or guidelines you will follow when you work in the lab. Feel free to draw diagrams.</p> <p>Due date: 11/9/2017</p> <p>Hint: Visit www.sciencefirst.com for some tips!</p>	<p>1. LO: To be able to draw tables and graphs confidently.</p> <p>Task: Conduct your own investigation into your classmates' favourite pets. Record your results in a table and represent your data in a bar chart.</p> <p>Due date: 11/9/2017</p> <p>Hint: Remember to draw tables in pencil and with a ruler!</p>	<p>2. LO: To be able to recall a number of bones in the human body.</p> <p>Task: Create a drawing of the human body and label at least 15 bones.</p> <p>Due date: 10/10/2017</p> <p>Hint: Visit the Dr Binocs video about bones in the human body on YouTube for help.</p>
<p>1. LO: To be able to complete a scientific report.</p> <p>Task: Prepare an equipment list, safety section, method and results for our experiment extracting and looking at onion cells under a microscope.</p> <p>Due date: 11/9/2017</p> <p>Hint: Recall the structure of a plant cell to help with your results section!</p>	<p>3. LO: To be confident identifying the organelles in different types of cells.</p> <p>Task: Build a 3D model of a cell of your choice. For example, animal, plant, bacterial, fungal etc.</p> <p>Due date: 20/11/2017</p> <p>Hint: Be creative!</p>	<p>2. LO: To complete a scientific report.</p> <p>Task: Prepare an equipment list, safety section, method and diagrams for an experiment to test muscle strength.</p> <p>Due date: 10/10/2017</p> <p>Hint: Remember to include hazard, risk and preventative measures in your safety section.</p>
<p>1. LO: To be able to recall the names and functions of some important science equipment.</p> <p>Task: Create a table showing pieces of lab equipment. Columns should be: 'name', 'diagram' and an 'example of what it can be used for'.</p> <p>Due date: 11/9/2017</p> <p>Hint: Visit: https://www.ducksters.com/science/chemistry/chemistry_lab_equipment.php</p>	<p>2. LO: To be able to explain the antagonistic action of muscles.</p> <p>Task: Think about your favourite exercise. Draw a diagram of someone doing that exercise and explain which muscles are working in antagonistic pairs.</p> <p>Due date: 10/10/2017</p> <p>Hint: Visit BBC Bitesize for help with this!</p>	<p>2. LO: To understand how substances move via diffusion.</p> <p>Task: Imagine that you live down the street from a bakery. Using diagrams (including particle diagrams), explain how smells of bread reach your house from the bakery.</p> <p>Due date: 10/10/2017</p> <p>Hint: Visit BBC Bitesize for a recap on diffusion.</p>

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 *Khan Academy*, 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 between 30 and 45 minutes. It will be marked by the teacher or by peers in class.

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.

OVERVIEW OF DEADLINES FOR YEAR 7

	Task 1	Task 2	Task 3
Art + Music	w/c 18/09/17	w/c 30/10/17	w/c 27/11/17
D.T + Computing	w/c 11/09/17	w/c 09/10/17	w/c 20/11/17
Geography	w/c 25/09/17	w/c 06/11/17	w/c 04/12/17
History	w/c 02/10/17	w/c 13/11/17	w/c 11/12/17
Mandarin	w/c 02/10/17	w/c 13/11/17	w/c 11/12/17
Science	w/c 11/09/17	w/c 10/10/17	w/c 20/11/17