



# Year 7EB 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 ideally 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 60 minutes on each task in Year 7.
- Students are encouraged to break up the tasks into research, producing and proof reading.

#### **Where can I find some tips?**

- In your planners there are many pages which relate to homework and give advice on how to complete different aspects of it.

If you have any questions then please do not hesitate to ask, by contacting [Carla.Hyland@dovercourt.edu.sg](mailto:Carla.Hyland@dovercourt.edu.sg) or the relevant subject teacher.

<p><b>1. LO: To be able to correctly identify and describe properties of materials</b></p> <p><b>Task:</b> Create an A4 poster which describes the following properties of materials:</p> <ol style="list-style-type: none"> <li>Strength</li> <li>Elasticity</li> <li>Hardness</li> <li>Toughness</li> </ol> <p>Display materials which have these properties and give examples of when these properties are useful.</p> <p><b>Due date: w/c 28/01/19</b></p> <p><b>Top Tip: Research each property individually.</b></p>	<p><b>1. LO: Understand how sustainability can be a part of product design</b></p> <p><b>Task:</b> Define what is meant by the term sustainability and create a on how it can be applied to product design.</p> <p><b>Due date: w/c 28/01/19</b></p> <p><b>Top Tip: Use the sustainability help sheet on Google classroom CODE: wug1d7t</b> <b>Also, use the internet to find examples of sustainable products</b></p>	<p><b>2. LO: To identify design movements.</b></p> <p><b>Task:</b> Produce an image board and paragraph on what Art Deco, Bauhaus or De Stijl design movement are.</p> <p><b>Due date: w/c 25/02/19</b></p> <p><b>Top Tip: Your image board should show lots of images for one of the design movements above. The more time you spend reading about it and looking at images of it, the better your image board and paragraph will be.</b></p>
<p><b>1. LO: To know the difference between softwood, hardwood &amp; man made woods.</b></p> <p><b>Task:</b> Create a Fact file for each wood type. It should include a description of each with examples (eg Pine/MDF/Teak) and describe advantages &amp; disadvantages of each.</p> <p><b>Due date: w/c 28/01/19</b></p> <p><b>Top Tip: A fact file can be a poster, infographic or written paper - just as long as it answers the task.</b></p>	<p><b>3. LO: To begin to understand indigenous forms of art</b></p> <p><b>Task:</b> Research Aboriginal Painting. Submit the work on 1 A4 size document.</p> <p><b>Due date: 18/03/19</b></p> <p><b>Top Tip: Use the Google help document on the classroom drive.</b></p>	<p><b>2. LO: To conduct a product analysis</b></p> <p><b>Task:</b> Research how to carry out a product analysis. Choose one lighting project within your home and carry out a product analysis</p> <p><b>Due date: w/c 25/02/19</b> <b>Top Tip: Use the link on the google classroom to learn about product analysis. Stick to 1 page of A4.</b> <b>CODE: wug1d7t</b></p>
<p><b>1. LO: To understand that there are different production processes</b></p> <p><b>Task:</b> Create an infographic which describes (with examples) the different types of production processes:</p> <ol style="list-style-type: none"> <li>One off</li> <li>Batch</li> <li>Mass</li> <li>Continuous</li> </ol> <p><b>Due date: w/c 28/01/19</b> <b>Top Tip: Use the internet to research these different production processes.</b></p>	<p><b>2. LO: To understand about energy production methods</b></p> <p><b>Task:</b> Research and produce a poster explaining how we generate mains electricity. You should refer to renewables/non renewables where possible.</p> <p><b>Due date: w/c 25/02/19</b> <b>Top Tip: Use the Energy Production help sheet on Google classroom CODE: wug1d7t</b></p>	<p><b>2. LO: To understand what ergonomics and aesthetics are.</b></p> <p><b>Task:</b> Define what is meant by ergonomics &amp; anthropometrics. Explain how these are applied to an office chair.</p> <p><b>Due date: w/c 25/02/19</b> <b>Top Tip: Use the internet to research ergonomics and aesthetics. Use images to support your writing</b></p>

<p><b>1. LO: To be able to research a popular tourist destination in Thailand.</b></p> <p><b>Task:</b> Create an informative leaflet to attract tourists to a particular location in Thailand.</p> <p><i>Include</i>                  Location information including a map                  What activities there are.                  What accommodation you might see.                  What you might see                  What you might eat.</p> <p><b>Due date: WB 28/01/2019</b></p> <p><b>Top Tip:</b> Include sources of evidence such as maps showing location within Thailand and/or climate graphs showing the best times to visit.</p>	<p><b>1. LO: To be able to research a popular tourist destination in Thailand.</b></p> <p><b>Task:</b> If you were on a family trip to Chaing Mai- what would you do? Create a 'Top 5' poster showing your viewpoints and <u>explain</u> why they would be good to do.                  Think about what you would enjoy when you research this.</p> <p><b>Due date: WB 28/01/2019</b></p> <p><b>Top Tip:</b> Include pictures to show each attraction. Explain why each would be a good idea.</p>	<p><b>2. LO: To be able to research population in countries around the world.</b></p> <p><b>Task:</b> Research the China 'One Child Policy'. Create an infographic describing the main facts of this policy, including when it ended.</p> <p><b>Due date: WB 25/02/2019</b></p> <p><b>Top Tip:</b> Research what we mean by 'infographics' and look for examples in advance.</p>
<p><b>1. LO: To be able to research a popular tourist destination in Thailand.</b></p> <p><b>Task:</b> Create a newspaper advert explaining why Thailand is a great location for tourism.</p> <p>Think about when people should go (climate), where they might want to go and the activities they could do.</p> <p><b>Due date: WB 28/01/2019</b></p> <p><b>Top Tip:</b> Include images and photos of Thailand. Make sure they are all linked to locations (not just a picture of a beach, but say where it is)</p>	<p><b>3. LO: To be able to explain the impact of immigration.</b></p> <p><b>Task:</b> Create a presentation describing and explaining immigration in Singapore. <u>Research</u> the positive and negative impacts of immigration into Singapore. On the last slide show you think whether immigration is good or bad.</p> <p>Use the internet to find examples and use a clear structure to your work.</p> <p>This should be at least 6 slides long and include <b>positives</b> and <b>negatives</b></p> <p><b>Due date: WB 18/03/2019</b></p> <p><b>Top Tip:</b> Use PEE to create your paragraphs. Create at least 1 slide to introduce, 2 slides for positive, 2 for negative and 1 to conclude</p>	<p><b>2. LO: To be able to research population in countries around the world.</b></p> <p><b>Task:</b> Research population policies in Singapore. Create an informative poster to describe these.</p> <p><b>Include:</b>                  What the policies are.                  When they were or going to be introduced.                  Who will they affect and not affect.                  Why are they important.                  How have they been introduced.</p> <p><b>Due date: WB 25/02/2019</b></p> <p><b>Top Tip:</b> Think about how you might display information and include an introduction- why does Singapore need a population policy?. Use the internet to find out this information.</p>
<p><b>1. LO: To be able to research popular tourist destinations in Thailand.</b></p> <p><b>Task:</b> Research five tourist destinations in Thailand. Create a 'cartoon style' map of Thailand including these locations. Think of how you might represent each location as a cartoon (e.g. Chiang Mai could be represented by Elephants..)</p> <p><b>Due date: WB 28/01/2019</b></p> <p><b>Top Tip:</b> Trace the outline of Thailand onto an A4 sheet of paper and mark on the cities/islands/locations you would like to choose as you would do on a normal map.</p>	<p><b>2. LO: To be able to research the issues surrounding tourism</b></p> <p><b>Task:</b> Research four ways tourism has affected places negatively. Create a report on why tourism can be a problem for some places.</p> <p><b>Think about:</b>                  The environment                  The people who live in the area                  The people who work in the area.                  What might happen if nothing changes.</p> <p><b>Due date: WB 25/02/2019</b></p> <p><b>Top Tip:</b> Include links and references to your work.</p>	<p><b>2. LO: To be able to research the issues surrounding tourism</b></p> <p><b>Task:</b> Research four ways tourism has had a negative impact on Bali, Indonesia. Write a report on how Bali is impacted negatively by tourism.</p> <p><b>Due date: WB 25/02/2019</b></p> <p><b>Top Tip:</b> Include links to the places you found the research.</p>

<p><b>1. LO: To be able to understand what life was like during the Middle Ages.</b></p> <p>Task: Write 10 interview questions about towns in the Middle Ages. Now imagine you live in the town and answer the questions.</p> <p><b>Due date: w/c 28/01/2019</b></p> <p>Top Tip: Use the 5 W's to help create questions (Who? What? Why? Where? When?). <b>Use the internet to find out what it is like to live in a town in the middle ages.</b></p>	<p><b>1. LO: To demonstrate knowledge of the claimants to the throne.</b></p> <p>Task: Create a Fakebook page for ONE of the following: Harold Godwinson, William of Normandy or Harald Hardrada. Your Fakebook page should use facts and key terms. Be certain to save your work and print out a copy of your Fakebook page to turn in.</p> <p><b>Due date: w/c 28/01/2019</b> Top tip: Go to <a href="http://www.classtools.net">www.classtools.net</a> and use the Fakebook checklist to guide you.</p>	<p><b>2. LO: Explain, analyse and make judgments about historical events and periods.</b></p> <p>Task: Write a newspaper article about a key event during the Middle Ages. Challenge: Include primary sources as evidence in your article. Make sure it looks like a newspaper article. You can use templates on Microsoft Word to help you.</p> <p><b>Due date: WC 25/02/2019</b> <i>Top tip: This could be the discovery of a new colony, the first shipment of colonists, a key battle or a mutiny.</i></p>
<p><b>1. LO: To be able to understand what life was like during the Middle Ages.</b></p> <p>Task: Create a diagram that explains the two main Battles before the Battle of Hastings (Fulford, Stamford Bridge). Include key dates events and individuals in the battles. Also include who won? Why did they win?</p> <p><b>Due date: w/c 28/01/2019</b></p> <p>Top Tip: Print and annotate (label) a map to show the locations of the battles with the information required.</p>	<p><b>3. LO: To understand how castles changed in the Middle Ages.</b></p> <p>Task: Compare at least 2 different types of castles (Motte and Bailey, Stone Keep, Shell and Concentric). Include drawings/pictures of the castles. Also label the features of the castles to identify key features. Describe and explain how castles changed. Explain why castles needed to keep changing. Your project can be a display poster, a PowerPoint, or completed on Word.</p> <p><b>Due Date: w/c 18/03/2019</b> Top Tip: use the 5 W's to help you write the article. (Who? What? Where? When? Why?)</p>	<p><b>2. LO: To explain, analyse and make judgments about historical events and periods.</b></p> <p>Task Create a mind map identifying different waves of migration into Britain from 20 CE to 1700CE and their impact on Britain. Use the 5 w's When did they arrive? Why did they come? What effect did they have when they arrived? Where did they live?</p> <p><b>Due Date: WC 25/02/2019</b> Top Tip: Included at least four of the following; Romans/ Vikings/ Saxons/ Normans and one of your own choosing.</p>
<p><b>1. LO: To demonstrate knowledge of key individuals in the Middle ages.</b></p> <p>Task: Create a timeline of key individuals in the Middle ages. Must include at least 3 women. Include in your information: Who they were? What did they do? Why was this important?</p> <p><b>Due date: w/c 28/01/2019</b> Top tip: The following resources may be helpful; <a href="http://www.Spartacus_educational.com">www.Spartacus_educational.com</a>, she wolves of England (Youtube video) and <a href="http://www.medieval-life-and-times.info">www.medieval-life-and-times.info</a>.</p>	<p><b>2. LO: To be able to communicate about the past.</b></p> <p>Task: Create a Poster that teaches people what life was like in a Medieval village.</p> <p><b>Due Date: WC 25/02/2019</b></p> <p>Top tip: Include images and Key dates.</p>	<p><b>2. LO: Explain, analyse and make judgments about historical events and periods.</b></p> <p><i>Task: Write a newspaper obituary for a key person in the Middle Ages</i> <i>Challenge: Include primary sources as evidence in your article.</i></p> <p><b>Due date: WC 25/02/2019</b> <i>Top tip: This could an explorer/ soldier/inventor /Royal/writer...</i></p>

<p><b>1. LO: COMPUTING</b> To develop your research, analysis and essay writing skills.</p> <p><b>Task:</b> Discuss how possible future developments in communications technology could impact on how the company communicates with its customers. Complete a Google Doc/Google Slide presentation and submit using Google classroom.</p> <p><b>Due date:</b> 11/02/2019</p> <p><b>Top Tip:</b> Remember to state all the sources you used. Submit the Google Slide/Doc document on Google classroom under the assignment section.</p>	<p><b>1. LO: COMPUTING</b> To develop your research, analysis and essay writing skills.</p> <p><b>Task:</b> The company has installed CCTV camera in its offices. Many employees have expressed concerns over the installation of the cameras.</p> <p>Discuss the legal and ethical implications of the installation of CCTV cameras in the offices.</p> <p><b>Due date:</b> 11/02/2019</p> <p><b>Top Tip:</b> Remember to state all the sources you used. Submit the Google Slide/Doc document on Google classroom under the assignment section.</p>	<p><b>2.LO: MUSIC</b> To develop a deepening understanding of the music you perform and listen to through its history.</p> <p><b>Task:</b> Complete the “Where Jazz and Blues Started” worksheet to consolidate knowledge and learning.</p> <p><b>Due date:</b> Week commencing 04/03/2019</p> <p><b>Top Tip:</b> Write the number of each question in the margin of your page. Write in full sentences for each answer.</p>
<p><b>1. LO: COMPUTING</b> To develop your research, analysis and essay writing skills.</p> <p><b>Task:</b> The company is looking at producing online training for different subjects in schools. ICT has changed the way lessons class are delivered; research is conducted, and assessment is completed.</p> <p>Discuss the impact of ICT in education.</p> <p><b>Due date:</b> 11/02/2019</p> <p><b>Top Tip:</b> Remember to state all the sources you used. Submit the Google Slide/Doc document on Google classroom under the assignment section.</p>	<p><b>3. LO: MUSIC</b> To be able to perform confidently in a solo and ensemble context.</p> <p><b>Task:</b> Prepare a performance of ‘Blue Monk’ either as a soloist or part of a group, which uses different textural layers and features you have learned in the Blues Unit. <i>(Be ready to perform to the class.)</i></p> <p><b>Due date:</b> Week commencing 25/03/2019</p> <p><b>Top Tip:</b> <b>Developing:</b> Perform the triads in time with your partner/solo. <b>Secure:</b> Perform the triads and bass line in time with your partner/solo. <b>Excellence:</b> Perform the triads, melody, bass line with your partner/solo, and improvise using riffs!</p>	<p><b>2. LO: MUSIC</b> To be able to perform confidently with accuracy and expression.</p> <p><b>Task:</b> Play the blues form and chord progression using primary chords in the key of <u>C major</u>, as directed by the score provided. <i>(Be ready to perform to the class.)</i></p> <p><b>Due date:</b> Week commencing 04/03/2019</p> <p><b>Top Tip:</b> If you don’t have access to a keyboard at home, you could download a free keyboard app on to your phone or tablet.</p>
<p><b>1. LO: COMPUTING</b> To develop your research, analysis and essay writing skills.</p> <p><b>Task:</b> Mr Kinsella wants to make use of new developments in ICT to assist his marketing his landscape gardening business.</p> <p>Discuss possible future developments in ICT and their impact on marketing the landscape gardening business.</p> <p><b>Due date:</b> 11/02/2019</p> <p><b>Top Tip:</b> Remember to state all the sources you used. Submit the Google Slide/Doc document on Google classroom under the assignment section.</p>	<p><b>2. LO: MUSIC</b> To be able to perform confidently with accuracy and expression.</p> <p><b>Task:</b> Play the blues form and chord progression using primary chords in the key of <u>Bb major</u>, as directed by the score provided. <i>(Be ready to perform to the class.)</i></p> <p><b>Due date:</b> Week commencing 04/03/2019</p> <p><b>Top Tip:</b> If you don’t have access to a keyboard at home, you could download a free keyboard app on to your phone or tablet.</p>	<p><b>2. LO: MUSIC</b> To be able to perform confidently with accuracy and expression.</p> <p><b>Task:</b> Play the bass lines of two different blues songs using the score provided. <i>(Be ready to perform to the class.)</i></p> <p><b>Due date:</b> Week commencing 04/03/2019</p> <p><b>Top Tip:</b> Use the left-hand technique shown in class. This will enable you to read the score without having to look at every keyboard key as you play.</p>

<p><b>1. LO: To be confident about the structure of an atom.</b></p> <p>Task: Create a <b>detailed drawing</b> of an atom of your choice from the periodic table. Your atom should be complete with:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> protons</li> <li><input checked="" type="checkbox"/> neutrons</li> <li><input checked="" type="checkbox"/> electrons</li> <li><input checked="" type="checkbox"/> shells</li> <li><input checked="" type="checkbox"/> nucleus</li> </ul> <p><b>Due date: w/c 11/02/2019</b></p> <p>Hint: Remember to check out The Periodic Table in your Planner.</p>	<p><b>1. LO: To describe the three states of matter in terms of particles.</b></p> <p>Task: How are particles arranged in matter? Create a <b>poster</b> outlining the <u>particle model for the three states of matter</u>.</p> <p><i>Challenge: Relate the arrangement of the particles to the properties of each state of matter..</i></p> <p><b>Due date: w/c 11/02/2019</b></p> <p>Hint: Include labelled diagrams in your explanations to help you.</p>	<p><b>2. LO: To use research skills to identify key scientific discoveries on The Periodic Table.</b></p> <p>Task: <b>Describe the story</b> of how the <u>periodic table</u> was developed. What were some of the intermediary versions towards forming the final version?</p> <p><b>Due date: w/c 25/02/2019</b></p> <p>Hint: See the links below for help:  <a href="https://www.youtube.com/watch?v=O-48znAg7VE">https://www.youtube.com/watch?v=O-48znAg7VE</a>  <a href="https://www.youtube.com/watch?v=fPnwBITSmgU">https://www.youtube.com/watch?v=fPnwBITSmgU</a></p>
<p><b>1. LO: To understand how pure water can be separated from salt water.</b></p> <p>Task: Imagine that you are stranded on a desert island and must purify salty sea water to survive. Luckily, you have lots of science equipment to help you! Create an <b>equipment list</b> and an <b>illustrated method</b> to show how you can <u>separate water from salt using distillation</u></p> <p><b>Due date: w/c 11/02/2019</b></p> <p>Hint: Remember that you will need a Liebig condenser!</p>	<p><b>3. LO: Create a model of the solar system</b></p> <p>Task: Construct a model <u>solar system</u>. If you are struggling to physically make it then use a <b>poster</b> to explain what you would build each planet out of and justify the materials used!</p> <p><i>Challenge: Consider the relative size and distances between the planets!</i></p> <p><b>Due date: w/c 18/03/2019</b></p> <p>Hint: Useful website:  <a href="https://www.pinterest.co.uk/explore/solar-system-model">https://www.pinterest.co.uk/explore/solar-system-model</a></p>	<p><b>2. 1. LO: To represent uses for each element of The Periodic Table.</b></p> <p>Task: Produce your very own <b>periodic table</b> with a picture (or real material) showing a use for each element!</p> <p><b>Due date: w/c 25/02/2019</b></p> <p>Hint Research the uses for each element first, then design the layout (based on the real periodic table) with enough space for uses!</p>
<p><b>1. LO: To be able to complete a scientific report.</b></p> <p>Task: Prepare an <b>equipment list</b>, <b>safety section</b>, <b>method</b> and <b>results for an experiment</b> carrying out the Chromatography procedure. You may wish to carry out the procedure in your home and take photos or videos of the procedure for evidence.</p> <p><b>Due date: w/c 11/02/2019</b></p> <p>Hint: Useful YouTube Video:  <a href="https://www.youtube.com/watch?v=8uFLOQ18Mt8">https://www.youtube.com/watch?v=8uFLOQ18Mt8</a></p>	<p><b>2. LO: Evaluate the advantages and disadvantages of uses for each element.</b></p> <p>Task: Create a <b>game</b> of top trumps for the first <b>20 elements</b> of the periodic table (H to Ca). Include: atomic number, mass number, reactivity and uses.</p> <p><b>Due date: w/c 25/02/2019</b></p> <p>Hint: The website below explains the game!  <a href="http://www.toptrumps.com/how-to-play-top-trumps/">http://www.toptrumps.com/how-to-play-top-trumps/</a></p>	<p><b>2. LO: To be able to outline the order of the first 20 elements from The Periodic Table.</b></p> <p>Task: Using an audio and/or visual media device to create a <b>Podcast</b> of you outlining from memory the order of the first <b>20 elements</b> (H to Ca).</p> <p><i>Challenge: include the atomic and mass numbers for each element e.g. Helium, atomic no. 2 &amp; mass no. 4.</i></p> <p><b>Due date: w/c 25/02/2019</b></p> <p>Hint: For some inspiration watch:  <a href="https://www.youtube.com/watch?v=v1TfPDIA1xE">https://www.youtube.com/watch?v=v1TfPDIA1xE</a> (Daniel Radcliffe sings The Elements Song 1:43)</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 *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 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

	<b>Task 1</b>	<b>Task 2</b>	<b>Task 3</b>
Visual Arts and Design Technology	28/01/2019	25/02/2019	18/03/2019
Music + Computing	11/02/2019	04/03/2019	25/03/2019
Geography	28/01/2019	25/02/2019	18/03/2019
History	11/02/2019	04/03/2019	25/03/2019
Science	11/02/2019	25/02/2019	18/03/2019