



Year 7 Homework Information Booklet Term 2

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?

- In Term 2, students choose two tasks
- The students have a choice between 4 tasks for Task 1
- The students all must complete 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 between 60 to 90 minutes on each task.
- Students are encouraged to break up the tasks into research, producing and proof reading.
- Students are advised to commence their homework for each task at least one week before the deadline, so that they are able to check with their subject teacher or form teacher if they have any questions.

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

<p>1.LO: To be able to analyse and evaluate images, objects and artefacts, making informed connections with the work of others</p> <p><i>Task: To create an Artist study based on the work of The Boyle Family. How is texture used in their work?</i></p> <p>Due date: W/C 23/01/17</p> <p>Top tip: Use the guide sheet which is on Edmodo to understand how this should be presented and the information that is expected.</p> <p>Please use the EDMODO code <u>jhdtq6</u> if you have not already joined.</p>	<p>1.LO: To be able to analyse and evaluate images, objects and artefacts, making informed connections with the work of others</p> <p><i>Task: To create an Artist study based on the work of Peter Randall-Page. How is texture used in his work?</i></p> <p>Due date: W/C 23/01/17</p> <p>Top Tip: Use the guide sheet which is on Edmodo to understand how this should be presented and the information that is expected.</p> <p>Please use the EDMODO code <u>jhdtq6</u> if you have not already joined.</p>
<p>1. LO: To be able to analyse and evaluate images, objects and artefacts, making informed connections with the work of others</p> <p><i>Task: To create an Artist study based on the collograph prints of Brenda Harthill. How is texture used in her work?</i></p> <p>Due date: W/C 23/01/17</p> <p>Top Tip: Use the guide sheet which is on Edmodo to understand how this should be presented and the information that is expected.</p> <p>Please use the EDMODO code <u>jhdtq6</u> if you have not already joined.</p>	<p>1.LO: To be able to analyse and evaluate images, objects and artefacts, making informed connections with the work of others</p> <p><i>Task: To create an Artist study based on the work of Anselm Kiefer. How is texture used in his work?</i></p> <p>Due date: W/C 23/01/17</p> <p>Top tip: Use the guide sheet which is on Edmodo to understand how this should be presented and the information that is expected.</p> <p>Please use the EDMODO code <u>jhdtq6</u> if you have not already joined.</p>

2. LO: To be able to record observations, experiences and ideas

Task: Create a guide sheet titled "What is Collograph printing?"

Due date: w/c 13/03/17

Top tip: Use the guide sheet which is on Edmodo for tips on the information to add and how to present this work.

Please use the EDMODO code [jhdtq6](#) if you have not already joined.

<p>1.LO: Use code to complete puzzles, by programming objects to perform actions and tasks.</p> <p><i>Task: Ice Age Play Lab</i></p> <p>Due date: 30/01/17</p> <p>Top tip: Always watch the videos at the beginning of each section and if you make a mistake read the hint to get back on track.</p> <p>When you log in with your secret picture remember to click your name and then code studio to see all the courses</p>	<p>1.LO: Use code to complete puzzles, by programming objects to perform actions and tasks.</p> <p><i>Task: Minecraft</i></p> <p>Due date: 30/01/17</p> <p>Top tip: Always watch the videos at the beginning of each section and if you make a mistake read the hint to get back on track.</p> <p>When you log in with your secret picture remember to click your name and then code studio to see all the courses</p>
<p>1. LO: Use code to complete puzzles, by programming objects to perform actions and tasks.</p> <p><i>Task: Frozen</i></p> <p>Due date: 30/01/17</p> <p>Top tip: Always watch the videos at the beginning of each section and if you make a mistake read the hint to get back on track.</p> <p>When you log in with your secret picture remember to click your name and then code studio to see all the courses</p>	<p>1.LO: Use code to complete puzzles, by programming objects to perform actions and tasks.</p> <p><i>Task: Classic Maze</i></p> <p>Due date: 30/01/17</p> <p>Top tip: Always watch the videos at the beginning of each section and if you make a mistake read the hint to get back on track.</p> <p>When you log in with your secret picture remember to click your name and then code studio to see all the courses</p>

2. LO: Use code to complete puzzles, by programming objects to perform actions and tasks.

Task: Course 1

Due date: 20/03/17

Top tip: Always watch the videos at the beginning of each section and if you make a mistake read the hint to get back on track.

When you log in with your secret picture remember to click your name and then code studio to see all the courses

1. LO: To understand the properties of a range of metals.

Task: Metals in Design and Technology Worksheet.

Due date: w/c 13/02/17

Top tip: Think about why the different metals have been chosen when making the products that you find within your home.

2 .LO: To understand the chemistry of Aluminum

Task: Aluminum - The Material That Changed The World

Due date: w/c 27/03/17

Top tip: Consider what alternative material may be used in place of aluminum on a product you use that is currently made from aluminum.

<https://www.youtube.com/watch?v=yn9qhQSMCRk>

2. LO: To be able to apply knowledge to materials to a given design need.

Task: Material & properties of a "thermo cup".

Due date: w/c 27/03/17

Top Tip: If you are not sure of the answer, check the link below for sample answers.

<http://www.technologystudent.com/joints/mater1.html>

2. LO: To understand ferrous and non-ferrous metals.

Task: Study the webpage, then apply content to the questions in the worksheet.

Due date: w/c 27/03/17

Top Tip: To understand that there are a wide range of metals and alloys. They have different properties and are useful for different situations.

<http://www.technologystudent.com/designpro/metals1.htm>

2.LO: To develop knowledge related to the shape or 'section' of lengths of metals.

Task: View the webpage, then apply content to given situations as listed in the worksheet.

Due date: w/c 27/03/17

Top tip: Consider the shape of the metal objects you see every day by questioning as to why they are made this shape.

<http://www.technologystudent.com/struct1/beam1.htm>

<p>1.LO: To be able to advertise the local area.</p> <p>You have been asked to create a leaflet advertising Singapore.</p> <p>You should introduce your local area and give a brief description of it. You should explain what there is and what there isn't in Singapore. If you are stretching yourself, you should include some quotes from people giving the positives about the local area. Word count: 60- 100 words.</p> <p>Due: w/c 27/02/17</p> <p>Top Tip: Look at professional leaflets to give you inspiration for how to structure your leaflet.</p> <p>Consider using Publisher to make your leaflet look effective.</p>	<p>1. LO: To be able to give key spoken details about home</p> <p>You have been asked to give a video tour of your home. You should describe the type of house you live in, the rooms in your house and a description of one of the rooms in your house. If you are stretching yourself, you should give opinions about your house, both positive and negative.</p> <p>Time: 45 seconds- 1 minute 15 seconds.</p> <p>Due: w/c 27/02/17</p> <p>Top Tip: Make sure that your pronunciation and accent are as accurate as possible.</p> <p>Post your video file to Edmodo or bring in to school on a USB stick so that Mrs Rinaldi can access it.</p>
<p>1. LO: To be able to complete a question and answer session about house and home</p> <p>Pair up with another member of the class. Together, create a list of 5 questions that you are going to ask each other and prepare the responses. Ask a third person to record you asking and answering the questions to each other.</p> <p>Time: 1 minute 30 seconds- 2 minute 30 seconds</p> <p>Due: w/c 27/02/17</p> <p>Top Tip: Make sure that your pronunciation and accent are as accurate as possible.</p> <p>Post your video file to Edmodo or bring in to school on a USB stick so that Mrs Rinaldi can access it.</p>	<p>1. LO: To be able to give written details about the local area</p> <p>You have a new friend in France. Write an email to your friend introducing yourself and where you live.</p> <p>You should try to include details about yourself, your interests and your family. You should then state where you live, including a description of your local area, saying what there is and what there isn't in your local area. If you are stretching yourself, you may be able to give your opinion about your local area. Word count: 60- 100 words.</p> <p>Due: w/c 08.02.16</p> <p>Top Tip: Refer to the Year 7 connectives and complex language covered in class to elevate your language.</p>

2. LO: To be able to write an extended piece about house, home and local area.

You have been asked by your school to create a piece for the school newspaper about your local area in French. Write a newspaper article with three paragraphs. The first should be your local area, the second introducing your house and the final paragraph a room in your house.

Word count 80-130 words

Due date: w/c 03/04/17

Top Tip: Use the success criteria to effectively structure your work.

<p>1. LO: To be able to research a popular tourist destination in Thailand.</p> <p>Task: Create an informative leaflet to attract tourists to a particular location in Thailand.</p> <p><i>Think about what people would want to see and do in the area and when the best time of year to visit would be.</i></p> <p>Due date: 7S, 7D: 24-01-17, 7C 25-01-17</p> <p>Top Tip: Include sources of evidence such as maps showing location within Thailand and/or climate graphs showing the best times to visit. Refer to these in your writing.</p>	<p>1. LO: To be able to research a popular tourist destination in Thailand.</p> <p>Task: 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.</p> <p>Think about what you would enjoy when you research this.</p> <p>Due date: 7S, 7D: 24-01-17, 7C 25-01-17</p> <p>Top Tip: Include pictures to show each attraction. Explain why each would be a good idea.</p>
<p>1. LO: To be able to research a popular tourist destination in Thailand.</p> <p>Task: 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>Due date: 7S, 7D: 24-01-17, 7C 25-01-17</p> <p>Top Tip: 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>1. LO: To be able to research popular tourist destinations in Thailand.</p> <p>Task: 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>Remember that ALL drawings should be in pencil and writing in pen.</p> <p>Due date: 7S, 7D: 24-01-17, 7C 25-01-17</p> <p>Top Tip: 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. Then add your cartoon styles.</p>

2. LO: To be able to explain the impact of immigration.

Task: Create a report explaining the impact of immigration into a country.

Research the positive and negative impacts and reach an appropriate conclusion.

Use appropriate examples and use a clear structure to your work.

This should be approximately 1-2 sides in your exercise book and should include at least two positive points and should also refer to why some people consider immigration to be bad for a country. Your conclusion should clearly sum up your views.

Due date: 7S, 7D 14-03-17, 7C 15-03-17.

Top Tip: Use PEE to create your paragraphs.

<p>1. LO: To be able to understand what life was like during the Middle Ages</p> <p><i>Task: Write 10 interview questions about towns in the Middle Ages. Now imagine you are a town dweller from the Middle Ages and give detailed answers to the interview questions you have written.</i></p> <p>Due date: w/c 30/01/17</p> <p><i>Top Tip: Use the 5 W's to help create questions (who? What? Why? Where? When?)</i></p>	<p>1.LO: To be able to understand what life was like during the Middle Ages</p> <p><i>Task: Create two small front page newspaper articles (A5 each, so A4 together). Report on the Battle of Hasting from a French perspective and an English perspective.</i></p> <p>Due date: w/c 30/01/17</p> <p><i>Top tip: Think about how language can show bias without changing the facts.</i></p>
<p>1. LO: To be able to understand what life was like during the Middle Ages</p> <p><i>Task: Create a diagram that shows the three Battles studied (Fulford, Stamford Bridge, Hastings). What happened during the battles? Who won? Why did they win?</i></p> <p>Due date: w/c 30/01/17</p> <p><i>Top Tip: Print and annotate (label) a map to show the locations of the battles with the information required.</i></p>	<p>1.LO: To be able to understand what life was like during the Middle Ages</p> <p><i>Task: Create two small front page newspaper articles (A5 each, so A4 together). Report on the Battle of Hasting from a French perspective and an English perspective.</i></p> <p>Due date: w/c 30/01/17</p> <p><i>Top tip: Think about how language can show bias without changing the facts.</i></p> <p>:</p>

2. LO: To understand the power struggle between church and monarchy in the Middle Ages

Task: Write a newspaper article about the murder of Thomas Beckett. Add images, factual information, key terms and eyewitness accounts.

Due Date: w/c 20/03/17

Top Tip: use the 5 W's to help you write the article. (Who? What? Where? When? Why?)

<p>1. To be able to read the passage with accuracy and intonation.</p> <p><i>Task:</i> Prepare a speech not exceeding three minutes. You may add any useful information where appropriate related to your learning. Please send your recordings to Jonathan.leow@dovercourt.edu.sg or Wen.Soon@dovercourt.edu.sg</p> <p>Due date: 13.02.17</p> <p>Top Tip: You might refer to the text of from Mandarin books.</p> <p>*You are <u>NOT</u> allowed to use the Google Translator to translate your script.</p>	<p>1. LO: To be able to consolidate the learning in the areas of listening, speaking, reading and writing.</p> <p><i>Task:</i> You are required to complete all the Flashcard, Learn, Speller, Test and Games on Quizlet website. Please screenshot your Test and Games scores to Jonathan.leow@dovercourt.edu.sg or Wen.Soon@dovercourt.edu.sg</p> <p>Due date: 13.02.17</p> <p>Top Tip: Please refer to the given links https://quizlet.com/_1fo7f3 https://quizlet.com/_1fo7f5 https://quizlet.com/_1fo7fa https://quizlet.com/_1fo7fb</p>
<p>1. To be able to write a paragraph from the learnt topics.</p> <p><i>Task:</i> Write a passage with minimum 300 words in Chinese characters. You must write the information about the topic of 'Clothing' & 'Weather',</p> <p>Due date: 13.02.17</p> <p>Top Tip: You might refer to the text of from Mandarin books.</p> <p>*You are <u>NOT</u> allowed to use the Google Translator to write the passage.</p>	<p>1. To be able to write a paragraph from the learnt topics.</p> <p><i>Task:</i> Write a passage with minimum 300 words in Chinese characters. You must write the information about the topic of 'Time' & 'Transportation',</p> <p>Due date: 13.02.17</p> <p>Top Tip: You might refer to the text of from Mandarin books.</p> <p>*You are <u>NOT</u> allowed to use the Google Translator to write the passage.</p>

2. LO: To be able to recognise and revise learnt characters and phrases.

Task: You are required to complete the set task from Memrise.com that is related to Lesson 12-1, 12-2, 12-3

Due date: 27.03.17

Top Tip: You will be given the link through school email. If you have not received the email link, please send the link request to Jonathan.leow@dovercourt.edu.sg or Wen.Soon@dovercourt.edu.sg

<p>1. LO: To be able to give key spoken details about myself in Mandarin.</p> <p>Task: You have been asked to introduce yourself via video to your classmates in Mandarin. You should use the key introductory phrases that you have learnt and send this recording to: han.wang@dovercourt.edu.sg</p> <p>Due date: 13.02.17</p> <p>Top Tip: Please refer to the activities on your Mandarin book.</p>	<p>1. LO: To be able to give key details about your family.</p> <p>Task: You have been asked to give key details about some of the people on your family tree. Draw a family tree and give information about your family members such as name, age, date of birth and nationality.</p> <p>Due date: 13.02.17</p>
<p>1. To be able to understand the instructions of Chinese characters.</p> <p>Task: The Chinese characters have basic structures, please check your vocabulary card and categorise all the characters by character structures, such as: left-right, up-down, left-centre-right, etc.</p> <p>Due date: 13.02.17</p>	<p>1. To be able to understand character's meaning by recognise the basic radicals.</p> <p>Task: Most Chinese characters have certain relation with their radicals, some of them related by the sound, some of them share the meaning. Please do some research on Chinese characters and the basic radicals: find 10 basic radicals, for each radical please find at least 5 characters with the radical that share the relative meaning.</p> <p>Due date: 13.02.17</p> <p>Top Tip: For example: the character 眼(eyes) and 泪 (tear) share the same radical 目, which related to "eye".</p>

2. To be able to read the passage with accuracy and intonation.

Task: Prepare a speech not exceeding three minutes. You may add any useful information where appropriate related to your learning. Please send your recordings to han.wang@dovercourt.edu.sg

Due date: 27.03.17

Top Tip: You might refer to the text of from Mandarin books.

*You are NOT allowed to use the Google Translator to translate your script.

<p>1.LO: To be able to critically evaluate artistic contributions within ensembles.</p> <p><i>Task:</i> Identify arrangements you particularly enjoy and present the song in the lesson, discussing why you enjoy them.</p> <p>Due date: 27/02/17</p> <p>Top tip: Choose an arrangement of a well-known song so that you can compare that with the original. Focus your discussion on the melody, harmony and rhythm, using the keywords learned during term one. Use notes to help guide your discussion in class.</p>	<p>1.LO: To be able to evaluate your own processes.</p> <p><i>Task:</i> Discuss the process of music arrangement by relating it to other experiences.</p> <p>Due date: 27/02/17</p> <p>Top Tip: You could use examples of areas where you have made the best of a given situation. Use notes and audio examples to guide your discussion in class.</p>
<p>1. LO: To be able to understand and value that music from different cultures and periods is produced in a variety of ways, and can serve different functions in a community or society.</p> <p><i>Task:</i> Investigate which folk songs have been arranged the most times, and write a one-page account of your findings.</p> <p>Due date: 27/02/17</p> <p>Top Tip: Suggested examples are 'Oh Danny boy', 'Hallelujah', and 'Scarborough Fair'.</p>	<p>1.LO: To be able to use notation to effectively communicate a melody and accompaniment.</p> <p><i>Task:</i> Create your own arrangement of a different folk song in a notated score.</p> <p>Due date: 27/02/17</p> <p>Top tip:</p>

2. LO: Accompany a folk song with chords, a bass line and percussion parts.

Task: Perform the folk song presented in class using the keyboard skills you have acquired over the term.

Due date: 03/04/17

Top tip: Revise how to play all primary chords and their related bass lines from term one and term two this year.

<p>1. LO: Describe how you could investigate the speed of sound in different mediums</p> <p><i>Task: Write a method to describe how you would investigate the speed of sound in different materials (mediums). To be successful it should include:</i></p> <ul style="list-style-type: none"> • Variables (including 5 x control!) • Equipment list • Full, numbered method • Risk assessment • OPTIONAL CHALLENGE: prediction! <p>Due date: 23/1/17</p> <p>Top tip: To measure speed you need to measure a distance and divide it by the time it took to travel there.</p>	<p>1. LO: Apply mathematical skills to calculate real energy usage.</p> <p><i>Task: Perform an energy audit of your own energy usage. In a table list the appliances you use each day and for how long (e.g. TV for 2 hours, laptop for 1 hour). Do this for at least 5 appliances. Calculate how many kilowatt-hours you use a day, week, month and year. Using the price of one kWh, calculate how much your usage costs for each also. Challenge yourself by considering how you could reduce this.</i></p> <p>Due date: 23/1/17</p> <p>Top Tip: Check the wattage (W) of each appliance and check here for more help: http://tinyurl.com/on6gdll.</p>
<p>1. LO: Explain how sound travels.</p> <p><i>Task: Explain what going 'supersonic' means. Use a labelled diagram to show why a pilot in a supersonic jet would hear a lot less but, <u>not nothing at all</u> compared to someone travelling slower than the sound barrier.</i></p> <p>Due date: 23/1/17</p> <p>Top Tip: Sound needs a medium to travel. For the pilot there is a medium inside and outside the plane.</p>	<p>1. LO: Compare and contrast different types of reactions</p> <p><i>Task: Research different chemical reactions and define what they are. You must include diagrams / equations and examples of each one.</i></p> <p>OPTIONAL CHALLENGE Compare and contrast how they are similar and different.</p> <p>Due date: 23/1/17</p> <p>Top tip: Include these reactions:</p> <ul style="list-style-type: none"> • Displacement • Combustion • Oxidation • Thermal decomposition

2. LO: Summarise the conventions used in chemical equations.

Task: Write a step by step guide to someone explaining what a chemical equation shows. Include:

- What goes on each 'side'
- What the '+' and '→' mean
- Why we use a word and symbol equation
- What the small numbers mean
- What the big numbers mean
- What the 'state symbols' are

Due date: 06/02/17

Top tip: Use an example equation of a really cool experiment to make it more interesting and easy to follow. Use a 'bubble model' to make it easy to understand.

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 one piece of homework a week in relation to work covered in class; this should take around 45 minutes to complete.
- In addition, all students are expected to read age appropriate, high quality English texts each day. It is recommended that students spend a minimum of 20 minutes each day reading English.

Year 7 Tic Tac Toe deadlines

	Task 1	Task 2
Art	w/c 23/01/17	w/c 13/03/17
Computing	w/c 30/01/17	w/c 20/03/17
D.T	w/c 13/02/17	w/c 27/03/17
French	w/c 27/02/17	w/c 03/04/17
Geography	w/c 23/01/17	w/c 13/03/17
History	w/c 30/01/17	w/c 20/03/17
Mandarin	w/c 13/02/17	w/c 27/03/17
Music	w/c 27/02/17	w/c 03/04/17
Science	w/c 23/01/17	w/c 06/02/17