

YEAR 10

Weeks commencing 16th + 23rd May 2022

Subject

Lesson and Resources

Notes / Extension Task

CORE SUBJECTS

**MATHS
HIGHER
(Sets 1 & 2)**

Lesson 1
Calculating Averages **HM: 404, 405, 406, 409, 410, 413**
[Averages Practice](#)

Lesson 2
Combined Mean **HM: 407 and 408**
[Mixed Averages](#)

Lesson 3
Averages from Frequency Tables **HM: 414 - 416**
[Median from Frequency Table](#)

Lesson 4
Mean from Frequency Tables **HM: 417**
[Mean from Frequency Table](#)

Lesson 5
Mean from Frequency Tables **HM: 418**
[Mean from Grouped Frequency Table](#)

Lesson 6
Averages Problem Solving **HM: 419 - 421**
[Frequency Table Practice](#)

Notes:

Where relevant, find the Hegarty Task using the search bar.

 Search HegartyMaths

You will need to watch the video before you attempt the questions. You can use the 'Get Help' button if you are struggling with a question.

Extension Tasks:

[MixedRevisionQuestions](#)

[Answer question 1 – 18](#)

[Solutions](#)

MATHS FOUNDATION SETS 3, 4, 5	<u>Lesson 1</u> Averages Recap HM: 404, 405, 406, 409, 410, 413 Averages Practice Mixed Averages	Notes: For each lesson, find the relevant Hegarty Task using the search bar. <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <input type="text" value="Search HegartyMaths"/> </div> You will need to watch the video before you attempt the questions. You can use the 'Get Help' button if you are struggling with a question. When you have completed the Hegarty Task, click on the link to complete additional practice questions. Extension Tasks: Frequency Table Practice Stem and Leaf Exam Practice
	<u>Lesson 2</u> Averages from Frequency Tables HM: 414 - 416 Median from Frequency Table	
	<u>Lesson 3</u> Mean from Frequency Tables HM: 417, 418 Mean from Frequency Table	
	<u>Lesson 4</u> Bar Charts and Line Graphs HM: 425 Interpreting Bar Charts Pictograms HM: 426	
	<u>Lesson 5</u> Stem and Leaf Diagrams HM: 430, 431 Stem and Leaf Diagrams	
	<u>Lesson 6</u> Pie Charts HM: 427 - 429 Interpreting Pie Charts	

SCIENCE (CMB)	Foundation Tier Acids, alkalis and the pH scale https://classroom.thenational.academy/lessons/acids-alkalis-and-the-ph-scale-chj38c	Use Seneca to do the independent learning task Chemical change
	Acids, alkalis and the pH scale https://classroom.thenational.academy/lessons/acids-alkalis-and-the-ph-scale-chj38c	
	Strong and weak acids https://classroom.thenational.academy/lessons/strong-and-weak-acids-ctk34d	
	Electrolysis of molten compounds https://classroom.thenational.academy/lessons/electrolysis-of-molten-compounds-cgw66t	
	Extraction of aluminium https://classroom.thenational.academy/lessons/extraction-of-aluminium-68w38r	
SCIENCE (DWD)	Specific heat capacity required practical https://classroom.thenational.academy/lessons/specific-heat-capacity-required-practical-69j66r?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782	Use Seneca to do the independent learning task(s) on Energy
	Non-renewable energy resources https://classroom.thenational.academy/lessons/non-renewable-energy-resources-6rupcd?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782	
	Renewable energy resources https://classroom.thenational.academy/lessons/renewable-energy-resources-ccu6cr?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782	
	Energy review https://classroom.thenational.academy/lessons/energy-review-6rtkgt?utm_campaign=sharing-button&utm_source=copy-link&utm_medium=copy&schoolUrn=137782	

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FOUNDATION SUBJECTS

COMPUTER SCIENCE

Lesson 1
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 1](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%201)

Lesson 2
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 2](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%202)

Lesson 3
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 3](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%203)

Lesson 4
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 4](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%204)

Notes:
Make notes from the PowerPoint. Complete the Knowitall Ninja quiz at the end.

Extension task:
Review all Knowitall Ninja questions.

DRAMA

1/ Read the set design pages on the following on the following website and create notes: <https://www.bbc.co.uk/bitesize/guides/zjp4vk7/revision/1>
2/ Read the set design page in your SP – complete notes.
3/ Draw a set design for a production of An Inspector Calls
4/ Label your drawing giving reasons for your ideas
5/ Place in your red folder and show me your notes and design next lesson

<p style="text-align: center;">FRENCH</p>	<p>Here are the exam themes:</p> <ol style="list-style-type: none"> 1) Identity and Culture 2) Local Area and Holidays 3) School 4) Future Plans 5) Global Issues and Events <p>Here are BBC Bitesize links to the topic we are studying at the moment:</p> <ul style="list-style-type: none"> - T4: Ambitions in French - T4: Work in French <p>All revision resources are in this folder on the Student (P) Drive: CLICK HERE</p>	<p>Notes:</p> <ol style="list-style-type: none"> 1. Watch the video on Bitesize and complete the activities. 2. Make a note of any new words in French and English 3. Choose a Quizlet set related to those words, and revise that. 4. Go to the student P drive and choose a revision resource. <p>Quizlet - Join your Year 10 French group here: 10A/FR1 – https://quizlet.com/join/EjadrWh3S</p> <p>10D/FR1 - https://quizlet.com/join/xyZvvNUY</p> <ol style="list-style-type: none"> 1. Active Learn. Go to https://www.pearsonactivelearn.com/app/Home Your username is your Regis School email. Your password is Tr5Reset20 Complete set tasks.
<p style="text-align: center;">GERMAN</p>	<p>Here are the exam themes:</p> <ol style="list-style-type: none"> 6) Identity and Culture 7) Local Area and Holidays 8) School 9) Future Plans 10) Global Issues and Events <p>Here are BBC Bitesize links to the topic we are studying at the moment:</p> <ul style="list-style-type: none"> - T2: Home - T2: Using wohnen <p>To revise a different topic from the past, here are BBC Bitesize links to every topic: CLICK HERE</p>	<p>Notes:</p> <ol style="list-style-type: none"> 1. Watch the video on Bitesize and complete the activities. 2. Make a note of any new words in German and English 3. Choose a Quizlet set related to those words, and revise that. 4. Go to the student P drive and choose a revision resource. <p>Quizlet - Join your Year 10 German group here: 10B/GE1 - https://quizlet.com/join/ZiEBhWRDb 10C/GE1 - https://quizlet.com/join/ccCc6v78w 10D/GE1 - https://quizlet.com/join/Nsgm7xnDX</p>

	All revision resources are in this folder on the Student (P) Drive: CLICK HERE	Active Learn - Go to https://www.pearsonactivelearn.com/app/Home Your username is your Regis School email. Your password is Tr5Reset20 Complete set tasks.
IT BTEC	Lesson 1 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 1	Notes: Use the link to get to the lesson resources. You are working on this section of the coursework. Complete for homework. Extension task: Review all Knowitall Ninja questions.
	Lesson 2 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 2	
	Lesson 3 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 3	
	Lesson 4 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 4	
MEDIA STUDIES	Introduction to Audience Coursework Task	
MUSIC	Please contact Mrs Boyes tracey.boyes@theregisschool.co.uk	
PHOTOGRAPHY	Lesson 1 Task 1: Create an information slide on Still life. This should include	Please use this Powerpoint for image ideas and further details instructions. Any images you need to copy are on the PowerPoint.

information about Dutch still life and Vanitas.

Task 2:

Create a mood board slide of still life photography and art images that inspire you. You must have at least 10 images. These should NOT be images of make up or bathroom toiletries. Think artistically about your images, not advertisements.

Extension: Add words to your mood board that are inspired by the work you have chosen. Complete an image analysis on an image of your choice.

Lesson 2

Task 1: Copy this image onto a new slide in your PowerPoint. You will find this Image on arbor.

Complete a mind map image analysis on this Vanitas painting.
painting by Pieter Claesz

- Describe the image.
- What key things are the focus of the image?
- What do you look at first? Why do you think this?
- What colours can you see?
- Where do you think the light is coming from?
- What shapes can you see?
- Is there pattern, texture or lines within the image?
- What do you think this image is about?
- Label any symbolism you think the object might suggest.

Task 2: Choose a second still life image of your choice and complete a mind map image analysis on the photographs or painting.

- Describe the image.
- What key things are the focus of the image?
- What do you look at first? Why do you think this?
- What colours can you see?
- Where do you think the light is coming from?
- What shapes can you see?

This work should all be completed on your new PowerPoint for the summer term and shared with your teacher.

If you have any questions, please email your teacher.

- Is there pattern, texture or lines within the image?
- What do you think this image is about?
- Label any symbolism you think the object might suggest.

Lesson 3

Task 1: Choose one of these images, copy to your PowerPoint and answer the questions in full sentences.

- What do you notice about the composition?
- What is the rule of thirds? How has it been used in still life compositions?
- What do you notice about the lighting?
- How can the lighting effect the colour?

Task 2: Plan a shoot in response to the research you have completed so far.

It is up to you what objects you use, but you must have a reason for them- you must have been inspired by Dutch still life and Vanitas painting.

On your plan you must include:

- What objects are going to be in your images? Why?
- What are you setting your still life on? What surface and backdrop? Why? Do you want to experiment with a couple of different backgrounds?
- What lighting are you going to use? Torches, focusing lighting, desk light, fairy lights, warm lighting etc.
- What are you hoping to learn or discover from this shoot?

Extension- you can add images that inspired this shoot and sketches of your plans.

Lesson 4-

Sketch out the plans for your photoshoot.

You should have at least 6 different images planned with different

	<p>objects and compositions. You should label each image with the objects and materials you will use and what type of lighting and direction the lighting will come from. Keep these safe and upload them to your Portfolio</p>	
<p>PHYSICAL EDUCATION BTEC</p>	<p>Revisit knowledge from your SPs. Unstructured non teacher set work for the year 10s would be from their SPs. Teachers will email specific students missing from their class or email your teacher for guidance.</p>	<p>Please email your class teacher to request work. Your teacher will set you work that is bespoke to the unit you are currently covering in lesson. Email address are below for ease. Mr Purgavie Benjamin.Purgavie@theregisschool.co.uk Miss Buckingham Emily.Buckingham@theregisschool.co.uk Mrs Lovelock Jennifer.Lovelock@theregisschool.co.uk Mr Thompson Rhys.Thompson@theregisschool.co.uk Mr Manvell Daniel.Manvell@theregisschool.co.uk Mr Parkinson Samuel.Parkinson@theregisschool.co.uk</p>
<p>PRODUCT DESIGN</p>	<p>Lessons 1 + 2 - Card modelling.</p> <p>Watch the video https://www.youtube.com/watch?v=MsQDXRA0q9c</p> <p>Model your design idea for the light project out of card and other items found at home. If you use sharp knives, ask permission and you may need supervision.</p>	
	<p>Lesson 3 - Light Project Specification</p> <p>Watch the video here, use this information to write the Specification for your light idea: https://www.youtube.com/watch?v=4KOZPAH8P0o</p>	

Lesson 4 - Composites theory.



composite
materials.pptx

Review the attached PowerPoint on Composites, watch the following video clips and answer the exam questions attached.

https://www.youtube.com/watch?v=VS_Kg-VEvzE

<https://www.youtube.com/watch?v=n3bWw8A2xwI>



composite materials
exam question.pub



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