



# Learning from Home Hub

## Work instructions for any pupils unable to attend school during term time



### Year 10

Only complete the tasks related to the subjects you study

For the weeks beginning Monday 18<sup>th</sup> and 25<sup>th</sup> April

Subject:	Work instructions:
English Language	<p><b>Year 10.1</b> Click the link below and complete the work. <a href="http://app.senecalearning.com/dashboard/class/qa9qctacia/assignments/assignment/ca664129-78dc-4211-ae36-f3c4d2e3fbd0">app.senecalearning.com/dashboard/class/qa9qctacia/assignments/assignment/ca664129-78dc-4211-ae36-f3c4d2e3fbd0</a> For information, questions or concerns, please email <a href="mailto:ibanham@riverstonschool.co.uk">ibanham@riverstonschool.co.uk</a></p> <p><b>Year 10.2:</b> Using your Seneca Learning account at <a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a>, join the class code: <b>diyh4kqrzw</b>. (Please create a new account if you do not have one already.) Then go to “assignments” and complete <b>Tasks 3.2.1-3.6.1 on English: KS3 Spelling, Grammar &amp; Punctuation</b>. For any questions or assistance, please email <a href="mailto:jwilkie@riverstonschool.co.uk">jwilkie@riverstonschool.co.uk</a></p>
English Literature 10.1	<p>Click the link below and complete the work. <a href="http://app.senecalearning.com/dashboard/class/qa9qctacia/assignments/assignment/bbe01bad-abf8-4939-be40-809cc8bc703a">app.senecalearning.com/dashboard/class/qa9qctacia/assignments/assignment/bbe01bad-abf8-4939-be40-809cc8bc703a</a> For information, questions or concerns, please email <a href="mailto:ibanham@riverstonschool.co.uk">ibanham@riverstonschool.co.uk</a></p>
Literacy Skills	<p>Galaxy: <a href="http://E2Followinginstructions-medicinesReadingandwritingtasks.skillsworkshop.org">E2 Following instructions - medicines Reading and writing tasks (skillsworkshop.org)</a></p>
Maths	<p>Please note that the <b>MyMaths</b> <a href="https://www.mymaths.co.uk/">https://www.mymaths.co.uk/</a> and <b>MathsWatch</b> <a href="https://vle.mathswatch.co.uk/vle/">https://vle.mathswatch.co.uk/vle/</a> online portals are where homework tasks will be set for students each week. Both need individual login details, please contact Mr Batchelor via email if you still require this. <a href="mailto:kbatchelor@riverstonschool.co.uk">kbatchelor@riverstonschool.co.uk</a> The following links and the Maths Workout <a href="https://www.mathsworkout.co.uk/">https://www.mathsworkout.co.uk/</a> portal are to be used to supplement learning. Please try to follow the week by week topics as closely as possible. When accessing MyMaths please complete the Lesson part of the homework before attempting the task, as this will help with understanding. When accessing MathsWatch please watch the videos relating to the topics alongside answering the questions.</p> <p><b>Year 10.1</b> Circumference of a circle <a href="https://corbettmaths.com/2013/12/21/circumference-video-60/">https://corbettmaths.com/2013/12/21/circumference-video-60/</a></p> <p><b>Year 10.2</b> Geometry: Reflection <a href="https://corbettmaths.com/2013/03/29/finding-the-mirror-line/">https://corbettmaths.com/2013/03/29/finding-the-mirror-line/</a></p> <p><b>Year 10 Galaxy</b> Coordinates <a href="https://corbettmathsprimary.com/2018/07/16/coordinates-video/">https://corbettmathsprimary.com/2018/07/16/coordinates-video/</a></p>
Science	<b>Year 10.1 GCSE</b>



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### **Topic: The Nervous and Endocrine Systems**

Oak National Academy (Video Lessons) - Please write notes from the activities during these lessons and record any quiz scores:

#### **Lesson: The Nervous System**

Link: <https://classroom.thenational.academy/lessons/the-nervous-system-6rt64e>

#### **Lesson: Reflex Arcs**

Link: <https://classroom.thenational.academy/lessons/reflex-arcs-6hhp4r>

#### **Lesson: Reaction Time 1**

Link: <https://classroom.thenational.academy/lessons/required-practical-reaction-time-part-1-74vkqd>

#### **Lesson: Reaction Time 2**

Link: <https://classroom.thenational.academy/lessons/required-practical-reaction-time-part-2-71jkgt>

#### **Lesson: Hormonal Responses**

Link: <https://classroom.thenational.academy/lessons/hormonal-responses-cgr3ed>

#### **Lesson: Controlling Blood Sugar Levels**

Link: <https://classroom.thenational.academy/lessons/controlling-blood-sugar-levels-foundation-61k30e>

#### **Lesson: Diabetes**

Link: <https://classroom.thenational.academy/lessons/diabetes-chj6ad>

#### **Lesson: The Nervous System and Homeostasis Review**

Link: <https://classroom.thenational.academy/lessons/the-nervous-system-and-homeostasis-review-lesson-foundation-ccukgc>

### **Seneca**

Class Code: **bltaxs3slb**

Complete all set assignments

### **Year 10.2 BTEC Applied Science**

A.P.1 Use limited techniques to improve organisational skills

<https://www.youtube.com/watch?v=88MjoZalHpM>

Topic: The six habits of highly organised people

Task: After watching the video list six habits of highly organised people

For information, questions or concerns, please email [tthango@riverstonschool.co.uk](mailto:tthango@riverstonschool.co.uk)

Financial  
Capability

### **Year 10.1**

#### **TASK:**

1. Do 45 mins of MY LIBF **Unit 1, topic 7** doing the activities or for revision.
2. Do 45 mins of MY LIBF **Unit 1, topic 8** doing the activities or for revision.

**MY LIBF information and help:** Google MYLIBF put in their number and password, these are in the back of their day books. Should the students misplace their day books, please contact Mr Asante [wasante@riverstonschool.co.uk](mailto:wasante@riverstonschool.co.uk) where I can give information or support.

### **Year 10.2**

#### **TASK:**

- Do 1.5 hours of MY LIBF **Unit 1, topic 3** doing the activities or for revision.

**MY LIBF information and help:** Google MYLIBF put in their number and password, these are in the back of their day books. Should the students misplace their day books, please contact Miss Joseph [bjoseph@riverstonschool.co.uk](mailto:bjoseph@riverstonschool.co.uk) where I can give information or support.



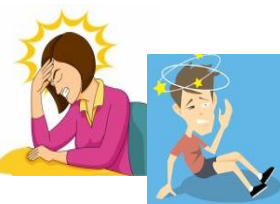
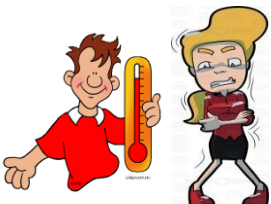


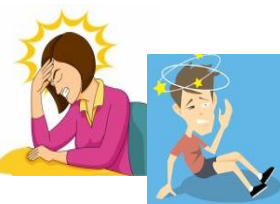
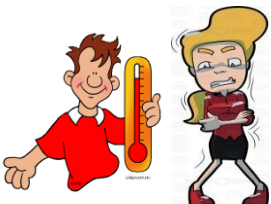


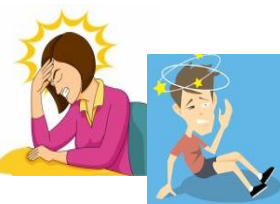
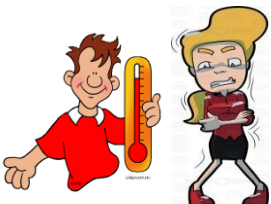
### **Year 10.3**



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	<p><b>TASK:</b></p> <p>1. Do 2 hours of MY LIBF <b>Unit 3</b> doing the activities or for revision.</p> <p><b>MY LIBF information and help:</b> Google MYLIBF put in their number and password, these are in the back of their day books. Should the students misplace their day books, please contact Miss Penny <a href="mailto:lozoling@riverstonschool.co.uk">lozoling@riverstonschool.co.uk</a> where I can give information or support.</p>												
Careers	<p>Make a list of subjects that you and enjoy – what potential jobs could you do with these subjects in the future? Try to list a minimum of five careers per subject.</p> <p>Send your lists to <a href="mailto:nrajaratnam@riverstonschool.co.uk">nrajaratnam@riverstonschool.co.uk</a></p>												
History	<p>GCSE:</p> <p>Work will be emailed to you. For information, questions or concerns, please email <a href="mailto:gbaker@riverstonschool.co.uk">gbaker@riverstonschool.co.uk</a></p> <p>Entry Level Certificate:</p> <p>Read through and attempt the quiz on BBC Bitesize regarding changing attitudes to migration 1900- Present day: <a href="https://www.bbc.co.uk/bitesize/guides/zwsbtyc/revision/1">https://www.bbc.co.uk/bitesize/guides/zwsbtyc/revision/1</a></p> <p>For information, questions or concerns, please email <a href="mailto:jbanham@riverstonschool.co.uk">jbanham@riverstonschool.co.uk</a></p>												
Art	<p>Work will be emailed to you. For information, questions or concerns, please email <a href="mailto:hsin@riverstonschool.co.uk">hsin@riverstonschool.co.uk</a></p>												
GCSE Food Technology	<p>Complete the tasks below then send to Miss Daley at <a href="mailto:odaley@riverstonschool.co.uk">odaley@riverstonschool.co.uk</a> for marking and feedback.</p> <p><b>Bacterial contamination</b></p> <p><b>Food poisoning</b></p> <p>Food poisoning is a very common and unpleasant illness, which can lead to serious health complications in some people. Mic-organism makes food unfit and unsafe to eat because they contaminate it with their <b>waste products</b>, their <b>physical presence</b> (being in the food) and the <b>toxins (poisons)</b> that they produce.</p> <p><b>What happens to the body if you have food poisoning?</b></p> <table border="1" data-bbox="239 1400 1449 1881"> <tr> <td colspan="4" data-bbox="239 1400 1449 1467"><b>The symptoms of food poisoning can include:</b></td> </tr> <tr> <td data-bbox="239 1467 566 1702">  </td> <td data-bbox="566 1467 845 1702">  </td> <td data-bbox="845 1467 1149 1702">  </td> <td data-bbox="1149 1467 1449 1702">  </td> </tr> <tr> <td data-bbox="239 1702 566 1881"> <ul style="list-style-type: none"> <li>• Bad abdominal pain. (stomach ache)</li> <li>• diarrhoea</li> </ul> </td> <td data-bbox="566 1702 845 1881"> <ul style="list-style-type: none"> <li>• Nausea (feeling sick)</li> <li>• vomiting (being sick)</li> </ul> </td> <td data-bbox="845 1702 1149 1881"> <ul style="list-style-type: none"> <li>• Headache</li> <li>• dizziness</li> </ul> </td> <td data-bbox="1149 1702 1449 1881"> <ul style="list-style-type: none"> <li>• A raised body temperature</li> <li>• Feeling cold and shivery</li> </ul> </td> </tr> </table>	<b>The symptoms of food poisoning can include:</b>								<ul style="list-style-type: none"> <li>• Bad abdominal pain. (stomach ache)</li> <li>• diarrhoea</li> </ul>	<ul style="list-style-type: none"> <li>• Nausea (feeling sick)</li> <li>• vomiting (being sick)</li> </ul>	<ul style="list-style-type: none"> <li>• Headache</li> <li>• dizziness</li> </ul>	<ul style="list-style-type: none"> <li>• A raised body temperature</li> <li>• Feeling cold and shivery</li> </ul>
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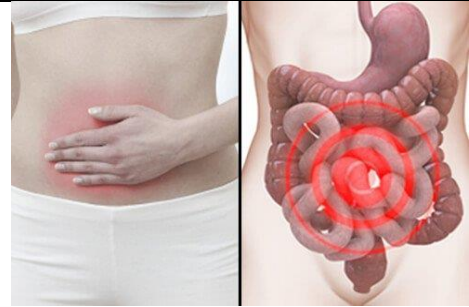
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Most pathogenic bacteria cause food poisoning inside the digestive system, particularly in the intestines, which are in the area of the body called abdomen.

Some pathogenic bacteria can work their way out of the digestive system and into the **bloodstream**, where they go round the body and **damage vital body organs**, such as the kidney and liver. Food poisoning is particularly dangerous for **babies and young children, pregnant woman, elderly people and people who have a weak immune system**. Usually, the **onset** of food poisoning (the time it take between eating contaminated food and symptoms of food poisoning appearing) can be anything from a few hour to a few days, in some cases it can be longer than this, which can make it difficult to identify which food caused the illness, as it is hard for people to remember what they ate and drink several days ago. There are many different types of **pathogenic** bacteria that cause food poisoning.



**Task:**

Research the **main types of bacteria that cause food poisoning** – Campylobacter, E. coli, Salmonella, Listeria, Staphylococcus aureus. (Use you textbook or the internet)

Place your findings in the table below: The first one has been done for you, please complete the other 4.

1. Salmonella	
Food/drinks/places where it is often found	Symptoms of food poisoning
<ul style="list-style-type: none"> <li>✚ Raw poultry and meat</li> <li>✚ Milk untreated (dirty water)</li> </ul>	<ul style="list-style-type: none"> <li>✚ Diarrhoea (often with blood in it)</li> <li>✚ Abdominal pain</li> <li>✚ Nausea</li> <li>✚ Fever</li> </ul>
	Incubation time (how long it takes for the symptoms to appear) 48 - 60 hours
2.	
Food/drinks/places where it is often found	Symptoms of food poisoning
	Incubation time (how long it takes for the symptoms to appear)
3.	
Food/drinks/places where it is often found	Symptoms of food poisoning
	Incubation time (how long it takes for the symptoms to appear)



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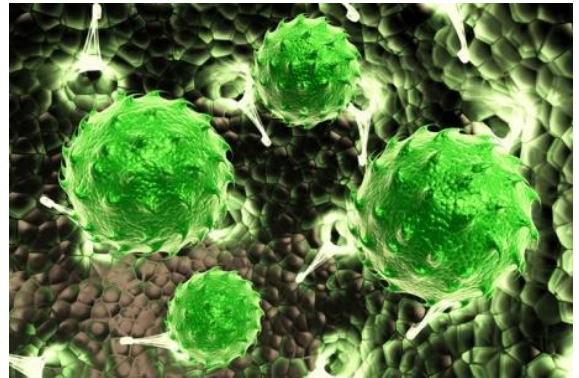
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4.	
Food/drinks/places where it is often found	Symptoms of food poisoning
	Incubation time (how long it takes for the symptoms to appear)
5.	
Food/drinks/places where it is often found	Symptoms of food poisoning
	Incubation time (how long it takes for the symptoms to appear)

You have been learning about food poisoning and the main types of bacteria that cause food poisoning.

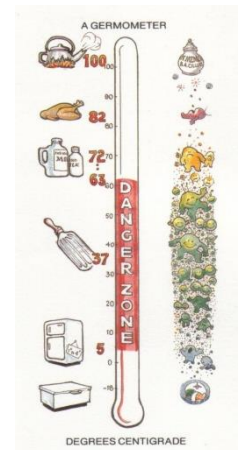
**Recap:** Food poisoning is caused by pathogenic bacteria and the main types of bacteria that cause food poisoning are **Campylobacter, E. coli, Salmonella, Listeria, Staphylococcus aureus.**



**Tasks:**

1. I want you to research:
- 2.

How do bacteria grow and multiply? – include the **danger zone** and show **diagram of how each bacteria cell divide into 2 new bacteria cells and continue...**



2. Find the meaning of the following key terms:



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	<p><b>Danger Zone:</b></p> <hr/> <hr/> <p><b>Spores:</b></p> <hr/> <hr/> <p><b>Germinate:</b></p> <hr/> <hr/> <p><b>Contamination:</b></p> <hr/> <hr/> <p><b>Cross-contamination:</b></p> <hr/> <hr/>
Computer Science and ICT	<p><b>Computer Science:</b> Complete the end of term tests that has been e-mailed to you for units: CT6 &amp; CT12.</p> <p><b>ICT:</b> Use the site: To prepare for your word processing mock exam</p>
BTEC Home Cooking Skills	<p>I would like students to cook or help prepare a meal at home and evaluate any dishes and take photos of the preparation and cooking processes.</p> <p>A.C.</p> <p>2.1 Prepare, cook and present simple dishes safely and hygienically, using wet and dry methods.</p> <p>2.2 Clean work areas and equipment safely and hygienically during and after preparing and cooking food.</p> <p>In the event of students being absent from school parents will be emailed theory work directly.</p> <p>Once you have completed your work, please send it to Mrs Field for feedback and marking to <a href="mailto:jfield@riverstonschool.co.uk">jfield@riverstonschool.co.uk</a></p>
Media Studies	<p>Continue to research record label companies and CD covers.</p> <p>Once you have completed your work, please send it to Mr Raj for feedback and marking to <a href="mailto:nrajaratnam@riverstonschool.co.uk">nrajaratnam@riverstonschool.co.uk</a></p>
Music	<p><b>BTEC</b> Students may begin writing their Unit 2 review, using information from the specification, page 57, Learning Aim C.</p> <p><b>Entry Level</b> Write down the instruments you can hear in the following song: <i>Brown-Eyed Girl</i> by Van Morrison. Practice your songs for performance.</p> <p>Email your work to <a href="mailto:cturner@riverstonschool.co.uk">cturner@riverstonschool.co.uk</a> for marking, feedback and monitoring.</p>
BTEC Performing Arts	<p><b>Coursework:</b> Continue to plan costume ideas for your characters.</p>





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Entry Level Certificate P.E	Work will be emailed to you. For information, questions or concerns, please email <a href="mailto:dday@riverstonschool.co.uk">dday@riverstonschool.co.uk</a>
BTEC Hospitality and Tourism	Miss Cook will email you directly with the coursework to complete. Email your work to <a href="mailto:scook@riverstonschool.co.uk">scook@riverstonschool.co.uk</a> for marking, feedback and monitoring.
ASDAN	Galaxy: Complete the following worksheets: <a href="https://www.twinkl.co.uk/resource/easter-dot-to-dot-activity-sheets-t-tp-7618">https://www.twinkl.co.uk/resource/easter-dot-to-dot-activity-sheets-t-tp-7618</a>  <a href="https://www.twinkl.co.uk/resource/t-t-17242-easter-themed-maths-activity-book">https://www.twinkl.co.uk/resource/t-t-17242-easter-themed-maths-activity-book</a>  <a href="https://www.twinkl.co.uk/resource/t-t-26679-it-is-easter-time-word-search">https://www.twinkl.co.uk/resource/t-t-26679-it-is-easter-time-word-search</a>  <a href="https://www.twinkl.co.uk/resource/t-t-5015-design-an-easter-egg-a4-worksheet">https://www.twinkl.co.uk/resource/t-t-5015-design-an-easter-egg-a4-worksheet</a>