



## Year 7 RGS Rural Science – Autumn 1 – Safety, Risks & Hazards & Chick Development

### Required knowledge for skills

In this topic, students will learn to identify and minimise various farm risks. They will familiarise themselves with the farm and observe a chick's changes from hatching to four weeks old, taking measurements and interpreting data. This will develop transferable skills such as critical thinking, problem-solving, data analysis, observation, and risk management.



### Required knowledge for skills

bit.ly/rgsrural  
 Username: RGSRural Password: Rural23  
 Go to appropriate year group and topic. Web pages and quizzes to support learning and revision

### How is this topic assessed?

Self assessment sheets, practical observations and test at the end of the topic

Emerging	Developing	Secure	Mastering	Extending
<ul style="list-style-type: none"> <li>Recognise farm hazards.</li> <li>Identify hazards.</li> <li>List physical changes in your chick from hatching to 4 weeks.</li> <li>List behavioural changes in your chick from hatching to 4 weeks.</li> <li>Describe how to handle a chick.</li> </ul>	<ul style="list-style-type: none"> <li>Explain how to ensure safety for yourself and others.</li> <li>Describe behavioural changes in your chick over 4 weeks.</li> <li>Comment on size and weight increases, and display this in a table.</li> </ul>	<ul style="list-style-type: none"> <li>Explain the importance of safety rules.</li> <li>Explain how risks vary in different situations.</li> <li>Use labelled pictures to show changes in your chick's mass, height, wing length, beak length, middle toe length, and colour from hatching to 4 weeks.</li> </ul>	<ul style="list-style-type: none"> <li>Describe the symptoms of foot and mouth disease.</li> <li>Explain how foot and mouth disease spreads.</li> <li>Describe the patterns seen on the graphs.</li> </ul>	<ul style="list-style-type: none"> <li>Describe the importance of biosecurity.</li> <li>Describe all patterns seen on the graphs.</li> <li>Compare your chick's changes to another chick from the same brood.</li> <li>Discuss problems in keeping chickens as pets.</li> </ul>



## Year 7 RGS Rural Science – Autumn 2– Crop Cultivation & Safe working

### Required knowledge for skills

Students will understand the growing conditions required for various crops and the correct use of equipment, gaining transferable skills such as critical thinking, problem-solving, project management, environmental stewardship, and sustainable resource management.



### Required knowledge for skills

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Go to appropriate year group and topic. Web pages and quizzes to support learning and revision

### How is this topic assessed?

Self assessment sheets, practical observations and test at the end of the topic

Emerging	Developing	Secure	Mastering	Extending
<ul style="list-style-type: none"><li>Stay safe on the allotments.</li><li>State the conditions seeds need to germinate.</li><li>Identify the main parts of soil and explain their importance.</li></ul>	<ul style="list-style-type: none"><li>Use tools correctly.</li><li>Explain how to determine the water and air content of soil.</li><li>Explain how to identify the rock particles in soil.</li><li>Identify the main parts of a plant.</li></ul>	<ul style="list-style-type: none"><li>Explain why seeds need the correct conditions to germinate.</li></ul>	<ul style="list-style-type: none"><li>Explain the process of germination.</li><li>Explain the function of germination.</li><li>Perform crop husbandry to benefit the crops.</li></ul>	<ul style="list-style-type: none"><li>Suggest how crop growing conditions could be altered to improve growth yield</li></ul>