



Independent Learning Task

Subject	Science								
ILP #4	Marvellous microbiologists!								
Week set:	Week 23								
Duration:	1 – 2 hours								
Hand in:	Week 25								
Instructions:	<p>Your task is to research one of two famous microbiologists, either Alexander Fleming or Edward Jenner, and explain why their discoveries are important to Science today.</p> <p>You could present this as a fact file, or as a short story.</p>								
Skills:	<ul style="list-style-type: none"> • Developing your writing skills. • Developing your research skills. • Learning how to identify key information from larger texts. 								
Marking schema:	<table border="1"> <thead> <tr> <th>Secure</th> <th>Developing</th> <th>Excellent</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> - Show you can write in good English. - Include at least one fact about your chosen scientist. </td> <td> <ul style="list-style-type: none"> - State at least 3 facts about your chosen scientist. - Be able to explain what a vaccine is, how it works, and explain how Jenner developed vaccines OR explain what antibiotics are, how they work, and how Fleming discovered antibiotics. </td> <td> <ul style="list-style-type: none"> - Explain what evidence your chosen scientist had to back up his ideas. - Explain how we use these findings today and how your scientists' work has helped modern day medicine. - Describe any problems that may arise from your scientists' findings. </td> </tr> </tbody> </table>	Secure	Developing	Excellent	<ul style="list-style-type: none"> - Show you can write in good English. - Include at least one fact about your chosen scientist. 	<ul style="list-style-type: none"> - State at least 3 facts about your chosen scientist. - Be able to explain what a vaccine is, how it works, and explain how Jenner developed vaccines OR explain what antibiotics are, how they work, and how Fleming discovered antibiotics. 	<ul style="list-style-type: none"> - Explain what evidence your chosen scientist had to back up his ideas. - Explain how we use these findings today and how your scientists' work has helped modern day medicine. - Describe any problems that may arise from your scientists' findings. 		
Secure	Developing	Excellent							
<ul style="list-style-type: none"> - Show you can write in good English. - Include at least one fact about your chosen scientist. 	<ul style="list-style-type: none"> - State at least 3 facts about your chosen scientist. - Be able to explain what a vaccine is, how it works, and explain how Jenner developed vaccines OR explain what antibiotics are, how they work, and how Fleming discovered antibiotics. 	<ul style="list-style-type: none"> - Explain what evidence your chosen scientist had to back up his ideas. - Explain how we use these findings today and how your scientists' work has helped modern day medicine. - Describe any problems that may arise from your scientists' findings. 							
Additional guidance or help:	Your teacher will show you examples of how your research task can be laid out.								