**Science and WWI Research task**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisory \_\_\_\_\_\_\_\_\_ /30 marks

1. Watch ***The Boffin, The Builder and The Bombardier*** episode Periscope Rifle and answer the following questions (From ABC TV March 31st 2013):

1. Why did the Australians put periscopes on their rifles?

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1. What was the maximum range claimed for the rifle?

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1. What were some of the problems with the rifle?

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1. Where did the soldiers get the material used to construct the periscope?

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1. Did the testing in the video suggest that a periscope rifle would have been useful in Gallipoli?

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5 marks

2. Nobel Prize winning scientist Fritz Haber can be considered both a hero and a villain. With reference to WWI explain why. (2 paragraphs/ 1 minute)

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5 marks

3. Wireless radio was an important technological development used in WWI; explain why it was so useful for communication. (2 paragraphs/ 1 minute minimum)

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5 marks

4. Choose a technology that was developed for/during WWI. Provide the following information:

1. Which country/people first developed it and when? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How was it first used in war?

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1. Did it help to win any battles?

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1. What scientific ideas allow for its use?

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1. How is the technology or a variation of it still used today?

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5 marks

5. Effective language use

10 marks