

## Science Homework on the Network - Bomber

<b>Term</b>	Autumn
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<b>Year group</b>	8
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### How this fits into your learning:

To learn that Scientific Techniques can be used to solve crime and to learn that only very small quantities of materials are needed for detection.

### Objective:

To understand how the separation technique of chromatography can be used to detect traces of explosives in body hair.

### How this will be assessed

teacher
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self
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peer
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### Task:

1. Open the Bomber Sheets in the resources below.
2. On page 1 is a page from Discoveries magazine which describes the exercise.
3. On page 2 are a set of 8 cards that need to be completed and put in the right order to catch the bomber.
4. Print out pages 1 and 2.
5. Read page 1 carefully.
6. Cut out the 8 cards on sheet 2. Four of them are illustrated and four of them are not.
7. Draw a suitable picture/diagram for the cards which are not illustrated.
8. Put the 8 cards in order to show the correct sequence of events.
9. Stick page 1 into your book and on a separate page stick in the 8 cards in order into your book.
10. Write a short paragraph underneath the cards to show how you came to your decision for the order.

### Resources:

Can Science catch Bombers Task Sheets

### Example/Model:

### Check your level:

Not applicable