

上外版 高一年级 选择性必修三 第三单元 第6课时  
学案（教师版）

I. Please remember: You are a member of the Investigation Bureau for the Mystery!

- I. Decide on the mystery  
II. Search for possible theories and explanations and decide two survey questions.  
III. Interview other members  
IV. Analyse the data and answers, and finish a report (110-130w) (**Individual mission**).

II. Decide on the mystery

- 1) Which mystery do you know and want to explore?

*Stonehenge*

- 2) What aspect of the mystery in specific do you want to know and explore

*How and why was Stonehenge built?*

III. Search for possible theories and explanations and decide two survey questions

IV. Interview other members

Survey	Total Number: _____
The mystery: _____ <i>e.g. How and why was Stonehenge built?</i>	
Survey questions:	
(1) _____	
(2) _____	
<i>e.g. Regarding to "how and why was Stonehenge build", here are four theories, which one do you most agree?</i>	
<i>In your opinion, how and why do you think Stonehenge was built?</i>	
<input type="checkbox"/> Theory (Explanation)1: _____	
<i>e.g. Stonehenge was built with manual labor as an observatory or a calendar.</i>	
<input type="checkbox"/> Theory (Explanation)2: _____	
<i>e.g. Stonehenge was an observatory and also a kind of primitive computer.</i>	
<input type="checkbox"/> Theory (Explanation)3: _____	
<i>e.g. Stonehenge was built by aliens from another world to demonstrate their extraordinary powers.</i>	
<input type="checkbox"/> Theory (Explanation)4: _____	
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V. Analyse the data and answers, finishing a report

1. How you write a survey report? What are the key elements?

*(1) Start by introducing the survey and paraphrasing the survey questions.*

*(2) Present the major findings of the survey.*

*(3) Describe the survey results in more detail. Use various expressions to describe proportions, fractions and percentages.*

*(4) Conclude the report by summarising the bigger picture and restate the most significant percentages.*

2.

### A Survey Report about Stonehenge

We conducted a survey to find out how opinions divide on the different theories of Stonehenge. Mainly, we researched on how and why Stonehenge was built. A total of 42 students took part in this survey.

The result shows our classmates' supporting rates of the existing theories and explanations towards the way and intention of building the Stonehenge.

According to the data, we find that over two-thirds support the first theory that "Stonehenge was built with manual labor as an observatory or a calendar". Among the rest, about three-fourths choose to believe the second theory that "Stonehenge was an observatory and also a kind of primitive computer" and only a few said they would believe in aliens demonstrating their extraordinary powers. In addition, it is noteworthy that a few students think that Stonehenge was a huge group of graves to commemorate ancestors.

In conclusion, it is evident that the majority of my classmates find the scientists' explanations more plausible. However, some of them are still open to other possibilities.

→ *Introduction of survey*

→ *Major findings*

→ *Detailed description  
of results and  
proportions*

→ *Conclusion*