

选择性必修一 Unit One Reading

班级_____ 姓名_____ 小组_____

一、学习目标

1. 了解霍乱的原因和影响
2. 学会用适当的词汇来描述科学家的品质

二、重点、难点

- 1、To remember some important phrases.
- 2、To discuss what scientific spirits we can learn from John Snow.

三、导学流程

（一）基础感悟（导学导读）：

词汇清理：

- | | |
|---------------|-------------------|
| 1.变得沮丧_____ | 2.照顾某人_____ |
| 3.细菌感染_____ | 4.对某事负有责任_____ |
| 5.移除把手_____ | 6.怀疑某人做过某事_____ |
| 7.纯净水或开水_____ | 8.通过某人不懈的努力_____ |
| 9.急剧下降_____ | 10.把...变为..._____ |

观察了解

观察第一页的图片，回答以下问题：

1. Where do you think this photo was taken? What are the students doing in the photo?
2. Would you like to work in such a field in the future?

（二）未知探究：

一. 快速阅读活动

读文章标题，完成以下问题：

What's the main idea of the passage ?

归纳文章段落大意

- | | |
|--------------|--------------|
| Para1: _____ | Para2: _____ |
| Para3: _____ | Para4: _____ |
| Para5: _____ | |

二、精读精练：

读第一段，找出以下相关信息：

what: _____ who: _____

Describe John Snow's personality: _____

读第二段，回答以下问题：

What were the two theories and which did John Snow agree with?

读第三段，回答问题：

What method did Snow use?

读第四段，回答问题：

What caused the outbreak of cholera in London?

读第五段，回答问题：

What contributions did John Snow make?

三、Conclusion :

There are 7 stages needed to set out a scientific research, do you know what they are?

What are the common qualities do great scientist have in common?

（三）当堂检测：

In the early 19th century, an outbreak of cholera hit Europe, _____ (cause) millions of deaths. Seeing this, John Snow became frustrated because no one knew how _____ (prevent) or treat cholera. At that time, doctors had two _____ (theory) to explain how cholera spread. One was that bad air caused the disease and another was that cholera was caused by germs in food or water. John discovered that in two particular streets the cholera outbreak was _____ severe that over 500 people died in ten days. Through his serious _____ (investigate), he found it was the pump water in Broad Street _____ resulted in the disease. Therefore, he had the handle of the pump _____ (remove) .It turned out that the water from the pump _____ (infect) by waste. Through Snow's tireless efforts, water companies began to sell clean water, and the threat of cholera around the world saw _____ substantial decrease. Snow transformed the way scientists study diseases. For this reason, he _____ (consider)the father of modern epidemiology.