

# Bio. Common Board

## Wednesday 23AUG17

### TOPIC:

## Scientific Theory & Biology Tools

### STANDARDS:

SC.912.N.1.1- Scientific methods and laboratory Work.

SC.012.N.1.6- Describe how scientific inferences are drawn from scientific observation and provide examples.

### OBJECTIVE:

- ❑ Evaluate the importance of biology in making informed decisions?
- ❑ Summarize the benefits and risks of the applications of biotechnology.
- ❑ Explain how advances in technology might affect the future of biology?

### ESSENTIAL QUESTION:

- ❑ **What are some of the new ethical dilemmas we face due to advances in biotechnology? Provide examples**

### CHECK FOR UNDERSTANDING:

- Exit Ticket

**HOMEWORK:** Biology in the news  
textbook page 29 due Friday 25AUG17

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## Wednesday 23AUG17

### Today in Class:

- ❑ Discuss Sections 1.3 & 1.4
- Section Check for  
Understanding Questions p.  
17 & p.23 textbook

### OBJECTIVE: 1.4

- ❑ Theory & Law Misconceptions
- ❑ Microscopes
- ❑ Tools of Molecular Genetics

### ESSENTIAL QUESTION:

**Is it true that theories  
eventually become laws?**

### CHECK FOR UNDERSTANDING:

- Exit Ticket

**HOMEWORK:** Collect and bring pond  
water sample due **Thursday 24AUG17**

# EXIT TICKET

- ❑ Evaluate the use of biotechnology in lowering birth defects? Justify your answer!
- ❑ Identify & explain some possible ethical issues in the use of biotechnology.