

## Agenda for Monday, November 9th 2015

Agenda	Homework
1. Color and Food Preference (SDRO H5) 2. Cell Cycle (SDRO H6)	- Complete p. 7 of SDRO Handout 5 - Read pp. 86-91 in SDRO

### Which NGSS practices, DCIs, and CCs are we meeting?

#### Science and Engineering Practices

- Conduct an investigation to produce data to serve as the basis of evidence that meet the goals of an investigation.
- Use an oral and written argument supported by evidence to support or refute an explanation or a model for a phenomenon
- Develop and use models to describe systems.
- Obtain, evaluate, and communicate information.

#### Crosscutting Concepts

- Cause and effect
- Structure and Function

#### Disciplinary Core Ideas

- LS1.B: All organisms grow, develop, and reproduce.
- LS1.C: All organisms obtain and use the matter and energy they need to live and grow.
- LS2.A: Organisms are dependent on their environmental interactions both with other living things and nonliving factors.
- LS2.B: Matter and Energy move through an ecosystem.

### Why are we doing this?

Today we are concluding our investigation on food color preference. You will be making a scientific argument to state their preferred color and offer information about the experiment.

Second, we will begin exploring the cell cycle to understand how organisms grow.

### Today's Procedure

#### Part 1: Color and Food Preferences

1. Open SDRO Handout 5 from Notability.
2. Review the answers, as a class, to the handout with Mr. Ower.
3. Download the next addendum to Handout 5 from [7bscience.com](http://7bscience.com). Complete this page. If you need assistance, see Mr. Ower. This page will be graded!

#### I finished early, now what?

1. Read pp. 86-91 in the SDRO textbook.
2. For more advanced information about mitosis: [http://www.biology.arizona.edu/cell\\_bio/tutorials/cell\\_cycle/problems.html](http://www.biology.arizona.edu/cell_bio/tutorials/cell_cycle/problems.html)