

# What's Sprouting Lab

## Materials:

### Science Kit:

Petri dish,  
radish seeds,  
thermometer

### From Home:

paper towel or  
newspaper,  
water,  
ruler,  
scissors,  
pen/marker

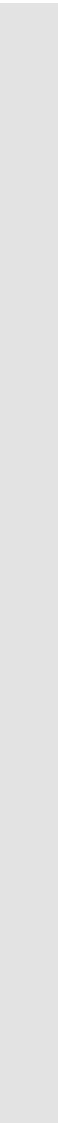
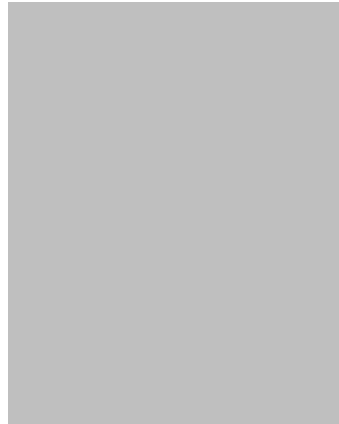
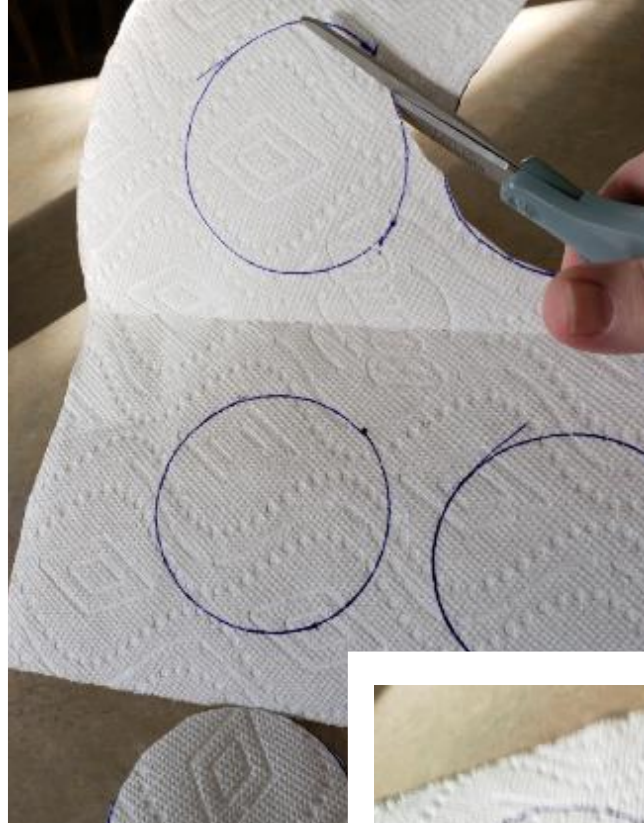


Have you **READ** ALL Background Information on the lab?

# What's Sprouting Lab **PHASE 3**

## PROCEDURE:

1. Remove the Phase 2 seeds and paper towel/newspaper from the Petri dish and throw away.
2. On the paper towel/newspaper, trace around the bottom of the Petri dish (smaller side) with the pen/marker. four times.
3. Cut out the FOUR (4) circles.



# What's Sprouting Lab **PHASE 3**

## PROCEDURE

4. Make the circles of paper towel/newspaper wet with water. Squeeze out excess water, but you want the paper damp.
5. Put two (2) layers of the damp paper towel/newspaper in the bottom of the Petri dish.



# What's Sprouting Lab **PHASE 3**

## PROCEDURE

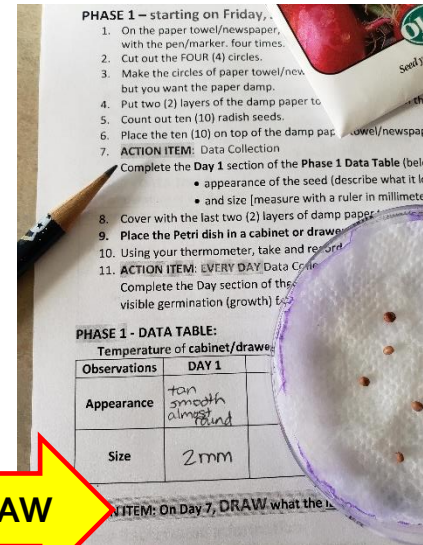
6. Count out ten (10) radish seeds.
7. Place the ten (10) on top of the damp paper towel/newspaper.
8. **ACTION ITEM:** Data Collection  
Complete the **Day 1** section of the **Phase 3 Data Table** (below) by recording the
  - appearance of the seed (describe what it looks like)
  - and size [measure with a ruler in millimeters (mm)] of a seed.



# What's Sprouting Lab **PHASE 3**

## PROCEDURE

9. Cover with the last two (2) layers of damp paper towel/newspaper and cover the Petri dish with it's lid.
  10. Place the Petri dish in the refrigerator where it will not be disturbed.
  11. Using your thermometer, take and record the **temperature** in the refrigerator.
  12. **ACTION ITEM: EVERY DAY** Data Collection  
Complete the Day section of the Data Table by recording the appearance and size of the seed with the most visible germination (growth) for seven (7) days
- **COMPLETE** the **ACTION ITEMS**: STEPS 6, 7 & 8!



7<sup>th</sup> Day DRAW

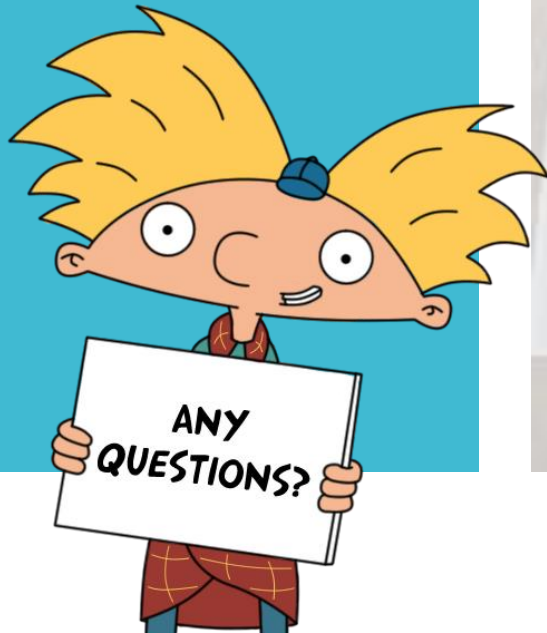


**This LAB** should be completed by/on **Friday, January 24<sup>th</sup>**

The What's Sprouting Lab Assignment (document) **MUST be completed to SUBMIT** on Mon, Jan 27!

# What's Sprouting Lab

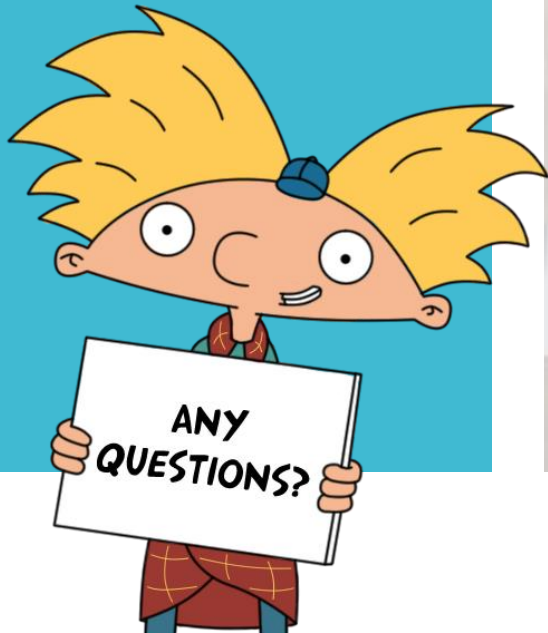
**FINALIZE**  
**the**  
**Lab**



## Finalizing the What's Sprouting Lab

- This Lab Document is DUE Monday, January 27<sup>th</sup>!
  - It will be in the Semester B course and called the What's Sprouting Lab Assignment (document).
  - It is worth 30 points!!!
  - You will be able to complete it when Phase 3 data is done being collected – on Thursday, January 23<sup>rd</sup>!
    - At that point:
      - you should already have Scientific Method steps 1, 2, 3, 4 and 5 complete
      - to complete the document, you need to enter your data into the data tables, and do Scientific Method steps 6, 7, and 8.

What's  
Sprouting  
Lab  
**PHASE 3**



## Lab ANNOUNCEMENTS

- **DUE on Monday, January 27<sup>th</sup>:**  
**What's Sprouting Lab Assignment (document)**
  - The saved document must be complete (data entered, and all parts completed)
  - Then, uploaded in the **Semester B** Life Science Course
  - ENDS Sunday, February 2<sup>nd</sup>
- **ASYNCH Lesson on Mon, Jan 27<sup>th</sup>:**  
**What's Sprouting Lab TDA**
  - In the **Semester B** Life Science Course - DUE Monday, January 27<sup>th</sup>
  - ENDS Sunday, February 2<sup>nd</sup>

**VIEW** the follow up **video**  
on the lab (between Phase 3 and 6. Analyze the data)!