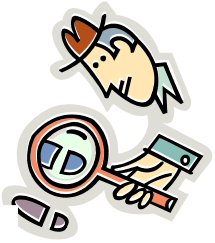


# D & T Activity



Glue this side into  
notebook

Words can be found at [http://  
www.middleschoolscience.com/turnips.pdf](http://www.middleschoolscience.com/turnips.pdf)

1. Place all the cards face down on your desk.
2. Choose five cards randomly from the collection of cards on your desk.
3. Write the words in the box below.
4. Using only those five words, what do you think the story is about?

**5 Words**

**Hypothesis # 1:**

5. Choose an additional five cards from the collection of cards on your desk. Repeat.

**10 Words**

**Hypothesis # 2:**

6. Choose an additional five cards from the collection of cards on your desk. Repeat.

**15 Words**

**Hypothesis # 3:**

**Discuss:** Share your group's hypothesis with the other groups in the class. Does everyone have the same hypothesis so far? Why or Why not?

7. Turn over all the cards. Write the new words, as well as the previous fifteen, in the box below. Construct your final hypothesis and write it on the next page.

**All Words**

**Final Hypothesis:**

**Discussion Questions:** Share your group's final hypothesis with the class.

1. Did your hypothesis change with the addition of new information?
2. Was your group's hypothesis similar or different to the others?
3. Did all the groups come to the same conclusion? Why or Why not?
4. Do you think scientists formulate the same explanations or conclusions even when given exactly the same information? Explain.

**Conclusion:**

Write 3-5 complete sentences on what you learned by doing this activity and be sure to incorporate some of the things we discussed in class.

Draw a picture to illustrate your final hypothesis, be sure to use at least 4 different colors.