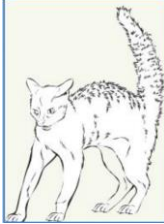

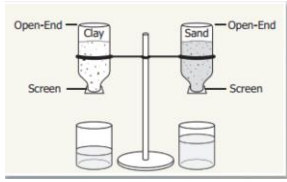


Monday	<p><b>Hypothesis</b> is an _____ or a prediction about what will happen. Hypotheses should be made based on what you already know and what you have learned from your research.</p> <p>Hypotheses should be _____.</p> <p>Most hypothesis are written as an “_____,” statement.</p>
Tuesday	<p><b>Independent Variable</b> is the factor in an experiment that is _____ by the experimenter. The independent variable is changed on _____.</p> <p><b>Dependent Variable</b> is the factor in an experiment that changes as a _____ of the _____ variable.</p> <p>The <b>Constant</b> in an experiment are the things that are kept the same throughout the experiment on _____.</p> <p>An <b>Inference</b> is an _____ based on knowledge and available data. When you make an inference, you draw a conclusion. An inference is NOT an observation.</p>
Wednesday	<p>1. According to the picture, which of these is an <b>inference</b> and not an observation?</p> <p>a. This animal has hair b. This animal has a tail c. This animal is arching its back d. This animal is frightened</p> <p>2. Which of these can be <b>observed</b> from the picture?</p> <p>a. The moon is circular b. The moon spins around on its axis c. The moon is solid rock d. The moon has little air</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
Thursday	<p>1. Students notice that in the fall leaves of sugar maple trees turn red, but the leaves of black oak trees turn brown. The students are making---</p> <p>a. an observation b. a conclusion c. a prediction d. an inference</p> <p>2. Students want to learn which of two soils holds more water. They put clay in one bottle and sand in the other. Then they put equal amounts of water in the bottles. Some of the water drained into beakers. Which of these is the manipulated, independent variable?</p> <p>a. type of soil b. type of beaker c. amount of water d. number of bottles</p> <div style="text-align: center;">  </div> <p>3. Three baseball players investigate to see who can throw a baseball the farthest. They mark off an area on the playground for their investigation. Which should they keep constant?</p> <p>a. height of players b. color of the baseballs thrown c. order in which the players throw d. spot from which the players throw</p>

<b>Word bank:</b>	Result	If	Explanation	Changed	Purpose	Independent
	Testable	Purpose	Educated guess	Then		