

Name: _____

Science Observations – Plants, Ants, Worms, and Dirt

Key Idea	What it looks like		
	Developing	Proficient	Extending
I can ensure that safety and ethical guidelines are followed in my investigations	<p>I tend to lose things or break them</p> <p>I often leave things for others to clean up</p> <p>I sometimes forgot to treat the non-human parts of my experiment with respect</p>	<p>I respect equipment and don't play with materials.</p> <p>I consistently clean up after myself.</p> <p>I treat the non-human parts of my experiment with respect.</p>	<p>I respect equipment and put things back where I found them, and I encourage others to do the same.</p> <p>I consistently clean up after myself, and then I help others.</p> <p>I treat the non-human parts of my experiment with respect and help others to do the same.</p>
I can make observations in familiar and unfamiliar contexts	<p>I need someone to remind me to be focused.</p> <p>I tend to talk to others and make it hard for them to concentrate.</p> <p>Most of my observation entries have the correct date and time.</p> <p>Most of my entries list the materials I used.</p> <p>My written observations are quite short, and/or the language I used is vague.</p> <p>It is sometimes hard to figure out what my drawings are showing, and/or I forgot to add labels</p> <p>I tend to rush through my work.</p>	<p>I am mostly focused during observation time, but sometimes I might talk a little too much.</p> <p>All my observation entries have the correct date and time.</p> <p>All of my entries list the materials I used.</p> <p>My written observations are focused on meaningful detail.</p> <p>All of my entries have a labeled drawing that makes an attempt to accurately show what I was seeing.</p> <p>I mostly take time and care with my work, but occasionally I rush.</p>	<p>I am focused and use my observation time well and allow others to use their time well, too.</p> <p>All of my observation entries have the correct date and precise time, in a neat and organized way.</p> <p>All of my entries list the materials I used, in a neat and organized way.</p> <p>My written observations are detailed, and I have used precise, descriptive language.</p> <p>All of my entries have a detailed, labeled drawing that makes an attempt to accurately show what I was seeing.</p> <p>I take time and care with my work.</p>
I can identify questions to ask through scientific inquiry	<p>My questions are “thin” – they have yes or no answers or can be answered by looking more closely.</p>	<p>My questions are sometimes “thick” and sometimes “medium-sized” – I’m still getting the hang of this question stuff.</p>	<p>My questions are “thick” and would promote rich discussion and require deep research to answer – and I follow through with independent investigation to attempt to form answers.</p>