

## Simple Rubric for FRACTAL POP-UP

**Project Objective:** Create a fractal pop-up to be displayed in the classroom. Be sure to include string so that it can be hung from the ceiling. Make it strong ...the pop-up will be there for the rest of the year! Hang an information summary card at the bottom of the pop-up. Be sure to include your name on the card. Other ideas for the summary card will be given in class. Be prepared for repairs. I have some extra string and index cards if needed. You will be allowed one repair before I grade them. For example, if your pop-up should fall from the ceiling, or if your card falls off...whatever... you will be allowed ONE repair before I grade it. Follow instructions given in class and on the handout. *Be creative!*

	<b>Beginning 1</b>	<b>Developing 2</b>	<b>Accomplished 3</b>	<b>Exemplary 4</b>	<b>Score</b>
<b>CONSTRUCTION OF POP-UP</b>	<ul style="list-style-type: none"> <li>• Shows 3 iterations</li> <li>• 4 pop-ups are made and put together.</li> <li>• Pop-ups are constructed using ordinary paper.</li> <li>• Missing string and /or card</li> <li>• Repairs are needed</li> <li>• Not ready to hang</li> <li>• Little time was invested</li> </ul>	<ul style="list-style-type: none"> <li>• Shows 3 iterations</li> <li>• 4 pop-ups are made and put together.</li> <li>• Use of sturdier paper, although backing may or may not be used.</li> <li>• string is included</li> <li>• card may not be attached</li> <li>• Cuts/fold are neat and clean</li> <li>• Some glue or staples show.</li> <li>• Few repairs needed.</li> </ul>	<ul style="list-style-type: none"> <li>• Shows 3 iterations</li> <li>• 4 pop-ups are made and put together</li> <li>• Pop-up is mounted onto sturdier paper/or card stock is used</li> <li>• string is included with card attached ready to hang</li> <li>• cuts/folds are very neat and clean.</li> <li>• no repairs are needed</li> <li>• Evident that time was invested.</li> </ul>	<ul style="list-style-type: none"> <li>• Goes beyond requirement of 3 iterations and/ or shows some variation in the algorithm.</li> <li>• 4 pop-ups are made and put together.</li> <li>• string is included with card attached. Ready to hang</li> <li>• variation in size or structure</li> <li>• no repairs are needed</li> <li>• cuts/folds are very neat and clean.</li> <li>• Evident that additional time was invested beyond accomplished.</li> </ul>	

<p><b>DECORATE THE POP-UP CREATIVITY</b></p>	<ul style="list-style-type: none"> <li>• Inappropriate paper is used.</li> <li>• Did very little to go beyond the class demo</li> <li>• Very little time spent</li> </ul>	<ul style="list-style-type: none"> <li>• Begins to show use of color or some variation in the pop-up.</li> <li>• Looks similar to others or class demos</li> <li>• Info card is not part of the overall design</li> </ul>	<ul style="list-style-type: none"> <li>• Pop-up is mounted on to a sturdier paper, perhaps cardstock.</li> <li>• Use of a visually pleasing design for the pop-up paper or has painted/colored a design on the pop-up.</li> <li>• Pop-up/card/string not coordinated.</li> </ul>	<ul style="list-style-type: none"> <li>• Shows a greater amount of variation in design of pop-up paper, or varies the backing.</li> <li>• Very sturdy construction is evident.</li> <li>• Stands apart from other designs or patterns.</li> <li>• Pop-up, card, string coordinate in color/design.</li> </ul>	
<p><b>SUMMARY INFORMATION CARD</b></p>	<ul style="list-style-type: none"> <li>• No card</li> <li>• Very little information is provided beyond , name.</li> <li>• If written information is present it is unclear and confusing.</li> </ul>	<ul style="list-style-type: none"> <li>• Has made use of some information given in class</li> <li>• Does not go beyond what was provided in class.</li> <li>• No evidence of time spent beyond the classroom</li> <li>• Not well written.</li> </ul>	<ul style="list-style-type: none"> <li>• Goes beyond the information provided by class instruction.</li> <li>• Use of outside source is evident.</li> <li>• Some errors in communication of ideas.</li> </ul>	<ul style="list-style-type: none"> <li>• Provides an abundance of information and detail.</li> <li>• Use of outside sources is evident.</li> <li>• Well written</li> <li>• Information is well organized and typed.</li> </ul>	