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 entire 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! You have seen what last year’s class did … now put ‘em to shame!

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|  | **Beginning****1** | **Developing****2** | **Accomplished****3** | **Exemplary****4** | **Score** |
| **CONSTRUC-****TION OF POP-UP** | * Shows 3 iterations
* 4 pop-ups are made

 and put together.* Pop-ups are constructed using ordinary paper.
* Missing string and /or card
* Repairs are needed
* Not ready to hang
* Little time was invested
 | * Shows 3 iterations
* 4 pop-ups are made and put together.
* Use of sturdier paper, although backing may or may not be used.
* String/card is included but not attached
* Cuts/folds not clean or neat, but better than beginning.
* A few repairs are needed.
 | * Shows 3 iterations
* 4 pop-ups are made and put together
* Pop-up is mounted onto sturdier paper/or card stock is used
* string is included with card attached ready to hang
* cuts/folds are very neat and clean.
* no repairs are needed
* Evident that time was invested.
 | * Goes beyond the requirement of 3 iterations and/ or shows some variation in the algorithm.
* 4 pop-ups are made and put together.
* string is included with card attached. Ready to hang
* variation in size or structure
* no repairs are needed
* cuts/folds are very neat and clean.
* Evident that additional time was invested beyond accomplished.
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| **DECORATE****THE POP-UP****CREATIVITY** | * Inappropriate paper is used.
* Did very little to go beyond the class demo
* Very little time spent
 | * Begins to show use of color or some variation in the pop-up.
* Looks similar to others or class demos
* Info card is not part of the overall design
 | * Use of a visually pleasing design for the pop-up paper or has painted/colored a design on the pop-up.
* Shows some creativity
* Pop-up/card/string not coordinated
 | * Shows a greater amount of variation in design of pop-up paper, or varies the backing.
* Very sturdy construction is evident.
* Stands apart from other designs or patterns.
* Pop-up, card, string coordinate in color/design.
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| **SUMMARY****INFORMA-****TION CARD** | * No card
* Very little information is provided beyond , name.
* If written information is present it is unclear and confusing.
 | * Has made use of some information given in class
* Does not go beyond what was provided in class.
* No evidence of time spent beyond the classroom
* Not well written.
 | * Goes beyond the information provided by class instruction.
* Use of outside source is evident.
* Some errors in communication of ideas.
 | * Provides an abundance of information and detail.
* Use of outside sources is evident.
* Well written
* Information is well organized and typed.
 |  |

SCORE \_\_\_\_\_\_\_\_\_\_\_\_\_