

Rock Classification and Rock Cycle

Summative RAFT

Name: _____ Period: _____

Project Description: Use the work and resources provided to explain how rocks form and explain how different geological processes work to form or change rocks as they travel through the rock cycle. This is a chance for you to be creative, so have fun with it as you show what you know!

Directions: Choose one of the rows below (1, 2, 3, or 4 etc.). Use your notes and various resources available from all of the activities on rocks and the rock cycle to write a RAFT. Make sure you include all the requirements on the rubric. Use the provided graphic organizer, checklist, and vocabulary word bank to guide you.

SEE THE RUBRIC FOR HOW YOU WILL BE GRADED!!

| | Role | Audience | Format | Topics |
|---|-------------------------------|---|---|--|
| 1 | 6 th grade student | <ul style="list-style-type: none">Teachers and Peers | <ul style="list-style-type: none">EssayDigital PresentationPowerPoint | <ul style="list-style-type: none">Explanation on how each type of rock is formed ANDExplanation on how each geological process works to create or alter rocks |
| 2 | News Reporter | <ul style="list-style-type: none">TV viewers orNewspaper reader | <ul style="list-style-type: none">Broadcast News Report (must provide script)Newspaper story | <ul style="list-style-type: none">Explanation on how each type of rock is formed ANDExplanation on how each geological process works to create or alter rocks |
| 3 | A Rock | <ul style="list-style-type: none">DirtAnother RockMantleCrustMoon | <ul style="list-style-type: none">LetterEmailBlogInstagram posts | <ul style="list-style-type: none">Explanation on how each type of rock is formed ANDExplanation on how each geological process works to create or alter rocks |
| 4 | Children's Book Author | <ul style="list-style-type: none">Elementary studentsFriends and familyThe public | <ul style="list-style-type: none">Short StoryPicture Book | <ul style="list-style-type: none">Explanation on how each type of rock is formed ANDExplanation on how each geological process works to create or alter rocks |

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|---|--|---|---|---|
| 5 | Geologist | <ul style="list-style-type: none"> • Students • Other Scientists • The public | <ul style="list-style-type: none"> • Digital Presentation • Professional Article | <ul style="list-style-type: none"> • Explanation on how each type of rock is formed AND • Explanation on how each geological process works to create or alter rocks |
| 6 | MUST BE APPROVED FIRST Your choice | <ul style="list-style-type: none"> • _____ _____ _____ _____ _____ | <ul style="list-style-type: none"> • _____ _____ _____ _____ _____ | <ul style="list-style-type: none"> • Explanation on how each type of rock is formed AND • Explanation on how each geological process works to create or alter rocks |

Choice (circle which one): **1** **2** **3** **4** **5** **6**