

- 1) One partner go to the website: [Link #31](https://www.learner.org/interactives/rockcycle/change3.html)
<https://www.learner.org/interactives/rockcycle/change3.html>
- 2) One partner will read these directions from Notability (file #30)

Part 1- Introduction –

DIRECTIONS:

- 1) CLICK "Introduction" on the top left hand side of the green toolbar.
- 2) Read introduction thoroughly!

Part 2 – Types of Rocks

DIRECTIONS:

- 3) CLICK "Types of Rocks" on the top left hand side of the green toolbar.
- 4) As a group, CAREFULLY read the passage TOGETHER. You may take turns reading different paragraphs or have one reader read to the group as group members follow along.
- 5) At the bottom right corner CLICK **START YOUR COLLECTION**.
- 6) Follow the directions on the screen to make your rock collection.
- 7) The partner with the website on his/her screen should SCREENSHOT your collection once you've added all 6 rocks
- 8) Remember this information is included in your group "quiz" at the end of the period!

Part 3 – How Rocks Change

DIRECTIONS:

Learn the processes that change rocks:

- 9) CLICK "How Rocks Change" on the top center of the green toolbar.
- 10) As a group, CAREFULLY read the passage TOGETHER. You may take turns reading different paragraphs or have one reader read to the group as the rest of the group follows along.
- 11) Once you have read the **Introduction** and "**Heat & Pressure**", then CLICK **START** on the animation to see what heat & pressure inside earth look like.
- 12) CLICK on the RED BOTTOM RIGHT **NEXT** button.
- 13) Once you have read the **Melting** and **Cooling**, then CLICK **MELTING** and **COOLING** on the animation to see what melting and cooling rock on Earth look like.
- 14) CLICK on the RED BOTTOM RIGHT **NEXT** button.
- 15) Once you have read the **Weathering & Erosion** and **Compacting & Cementing**, then CLICK **WEATHERING & EROSION** and **COMPACTING & CEMENTING** on the animation to see what the weathering, erosion, compaction, & cementation of rock on Earth look like.

Test your knowledge about these processes:

- 1) At the bottom of the page about Weathering, Erosion, Compaction & Cementation CLICK the red **TRANSFORM THE ROCK** button.
- 2) You have only 6 minutes for this challenge so be prepared!
- 3) CLICK & DRAG the appropriate process into the blank space to correctly complete the equation.
- 4) If you get any answers INCORRECT than retake the quiz, agreeing upon your answers as a group, until you pass.

Part 4- The Rock Cycle Diagram

DIRECTIONS:

- 16) CLICK "The Rock Cycle Diagram" on the top right hand side of the green toolbar.
- 17) *CLICK on each part of the rock cycle diagram*, to REVIEW for your next quiz.
- 18) Once you have reviewed CLICK **COMPLETE THE CYCLE** and take the quiz together.

Part 5 – Test Your Skills

DIRECTIONS:

- 19) CLICK "Test Your Skills" on the top right hand side of the green toolbar.
- 20) In the box that asks for your name, put:
 - *Student names AND Class period*
 - *(Ex: Kelly & Sarah – D period)*
- 21) As a group DISCUSS and AGREE UPON your answers. TAKE YOUR TIME, as this quiz will count as a grade for each student in the group.
- 22) Once you have taken the quiz, click SEE YOUR RESULTS. Look over any incorrect answers carefully.
- 23) **Show Mr. Gibbs your results – then, you may start your HW!**