

# Constructive & Destructive Forces Project

## ~ Picture Book Rubric ~

Name: \_\_\_\_\_

### **Weathering -- 2 pages next to each other**

\_\_\_ / 3 points: Definition

\_\_\_ / 3 points: Is weathering constructive, destructive, or both?

\_\_\_ / 3 points: Why did you label weathering as constructive, destructive, or both?

\_\_\_ / 3 points: Picture 1

\_\_\_ / 3 points: Picture 2

### **Erosion -- 2 pages next to each other**

\_\_\_ / 3 points: Definition

\_\_\_ / 3 points: Is erosion constructive, destructive, or both?

\_\_\_ / 3 points: Why did you label erosion as constructive, destructive, or both?

\_\_\_ / 3 points: Picture 1

\_\_\_ / 3 points: Picture 2

### **Volcanoes -- 2 pages next to each other**

\_\_\_ / 3 points: Definition

\_\_\_ / 3 points: Are volcanoes constructive, destructive, or both?

\_\_\_ / 3 points: Why did you label volcanoes as constructive, destructive, or both?

\_\_\_ / 3 points: Picture 1

\_\_\_ / 3 points: Picture 2

### **Earthquakes -- 2 pages next to each other**

\_\_\_ / 3 points: Definition

\_\_\_ / 3 points: Are earthquakes constructive, destructive, or both?

\_\_\_ / 3 points: Why did you label earthquakes as constructive, destructive, or both?

\_\_\_ / 3 points: Picture 1

\_\_\_ / 3 points: Picture 2

### **Deposition-- 2 pages next to each other**

\_\_\_ / 3 points: Definition

\_\_\_ / 3 points: Is deposition constructive, destructive, or both?

\_\_\_ / 3 points: Why is deposition constructive, destructive, or both?

\_\_\_ / 3 points: Picture 1 deposition from wind

\_\_\_ / 3 points: Picture 2 deposition from water

### **Other**

\_\_\_ / 10 points: Title Page (Title of work, Author, and Illustration)

\_\_\_ / 10 points: Neatness & Effort (neat handwriting, pictures, coloring, labels, title)

\_\_\_ / 5 points: Book is in correct order.

### **Total:**

\_\_\_ / 100 points = \_\_\_\_\_ %

# Constructive & Destructive Forces Project

## ~ Picture Book Instructions ~

### Day 1

- Put together book. You will need 3 sheets of paper. Fold the three pages in half (this will create 10 pages inside and 2 outside pages). Create a binding for your book. Staple, punch holes and time a ribbon, or find another creative way. Use what you have!

**\*\*USE THE SUPPLIES THAT YOU HAVE AT HOME\*\***

- Design the cover of your book. Include the Title, Author (your name), and an illustration).

### Day 2

- Label every other page with a force. Use the order I gave you. The first page (the one that is right behind the cover) will be Weathering. The page that is next to it will also be weathering.
- On one page, write a sentence with the definition of the force.
- On the other side, write whether the force is constructive, destructive, or both.
- Write why the force is constructive, destructive, or both.

### Day 3

- Draw or print pictures for the first 2 forces (2 for weathering, 2 for erosion, and 2 for volcanos). Remember to use color (if you print in black and white outline in color.)

### Day 4

- Draw or print pictures for the last 2 forces (2 for earthquakes and 2 for deposition). Remember to use color (if you print in black and white outline in color.)

### Day 5

- Proofread
- Use rubric to make sure you have everything you need.
- Submit to [hillje2@boe.richmond.k12.ga.us](mailto:hillje2@boe.richmond.k12.ga.us) Send pictures.

# Constructive & Destructive Forces Project

## ~ PowerPoint Slides/Slideshow Rubric ~

Name: \_\_\_\_\_

### **Weathering -- 2 slides**

\_\_\_ / 3 points: Definition (first weathering slide)

\_\_\_ / 3 points: Is weathering constructive, destructive, or both? (second weathering slide)

\_\_\_ / 3 points: Why did you label weathering as constructive, destructive, or both? (2<sup>nd</sup> erosion slide)

\_\_\_ / 3 points: Picture 1 (first weathering slide)

\_\_\_ / 3 points: Picture 2 (second weathering slide)

### **Erosion -- 2 slides**

\_\_\_ / 3 points: Definition (1<sup>st</sup> erosion slide)

\_\_\_ / 3 points: Is erosion constructive, destructive, or both? (2<sup>nd</sup> erosion slide)

\_\_\_ / 3 points: Why did you label erosion as constructive, destructive, or both? (2<sup>nd</sup> erosion slide)

\_\_\_ / 3 points: Picture 1 (1<sup>st</sup> erosion slide)

\_\_\_ / 3 points: Picture 2 (2<sup>nd</sup> erosion slide)

### **Volcanoes -- 2 slides**

\_\_\_ / 3 points: Definition (1<sup>st</sup> volcanoes slide)

\_\_\_ / 3 points: Are volcanoes constructive, destructive, or both? (2<sup>nd</sup> volcanoes slide)

\_\_\_ / 3 points: Why did you label volcanoes as constructive, destructive, or both? (2<sup>nd</sup> volcanoes slide)

\_\_\_ / 3 points: Picture 1 (1<sup>st</sup> volcanoes slide)

\_\_\_ / 3 points: Picture 2 (2<sup>nd</sup> volcanoes slide)

### **Earthquakes -- 2 slides**

\_\_\_ / 3 points: Definition (1<sup>st</sup> earthquakes slide)

\_\_\_ / 3 points: Are earthquakes constructive, destructive, or both? (2<sup>nd</sup> earthquakes slide)

\_\_\_ / 3 points: Why did you label earthquakes as constructive, destructive, or both? (2<sup>nd</sup> slide)

\_\_\_ / 3 points: Picture 1 (1<sup>st</sup> earthquakes slide)

\_\_\_ / 3 points: Picture 2 (2<sup>nd</sup> earthquakes slide)

### **Deposition—2 slides**

\_\_\_ / 3 points: Definition (1<sup>st</sup> deposition slide)

\_\_\_ / 3 points: Is deposition constructive, destructive, or both? (2<sup>nd</sup> deposition slide)

\_\_\_ / 3 points: Why is deposition constructive, destructive, or both? (2<sup>nd</sup> deposition slide)

\_\_\_ / 3 points: Picture 1 deposition from wind (1<sup>st</sup> deposition slide)

\_\_\_ / 3 points: Picture 2 deposition from water (2<sup>nd</sup> deposition slide)

### **Other**

\_\_\_ / 10 points: Title Page (Title of work, Author, and Illustration)

\_\_\_ / 10 points: Neatness & Effort (font can be read, pictures, transitions are used, labels, title)

\_\_\_ / 5 points: Pages are in correct order.

### **Total:**

\_\_\_ / 100 points = \_\_\_\_\_ %

# Constructive & Destructive Forces Project

## ~ PowerPoint Instructions ~

### Day 1

- Begin Slideshow. Decide on your theme.
- You need to make at least eleven slides (one for title, two for each force).
- Create your title slide. Include Title, Author (your name), and illustration or image.

### Day 2

- Label every slide with a force. Use the order I gave you.
- On the first slide for each force write a sentence with the definition of the force.
- On the second slide for each force write whether the force is constructive, destructive, or both.
- On the second slide write why the force is constructive, destructive or both.

### Day 3

- Draw or find two pictures for the first three of the forces (2 for weathering, erosion, and 2 for volcanoes). If you draw, make sure to add color.
- Add one picture to each of the slides. Make sure that you find a picture of weathering for the weathering slide.

### Day 4

- Draw or find two pictures for the last two forces (2 for earthquakes and 2 for deposition). If you draw, make sure to add color.
- Add your pictures to the slides.

### Day 5

- Proofread
- Make sure you have used a font that I can read.
- Create transitions.
- Share your PowerPoint (Jennifer Hill) or email to [hillje2@boe.richmond.k12.ga.us](mailto:hillje2@boe.richmond.k12.ga.us)