

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



Good News  
Lutheran School

**Term 3 2017**  
**Science Project Task Sheet**  
**'Earth's Surface Changes Over Time'**

**YOUR TASK:**

You are to investigate weathering and erosion by presenting images, videos and research in the form of a movie.

Firstly, you are to use the research template provided to assist yourselves in completing your research.

Then, your pair is to present this research in a digital format, using programs such as Photo Booth, Stop Motion, Green Screen and Explain Everything. iMovie will be the program where your movie is built.

**PARTS TO INCLUDE:**

'My Experiment' recording sheet.

Erosion Experiment (wind, water or waves)

- Explain weathering (What is it?)
- Explain erosion (What is it? What are the types? How is it occurring in the experiment?)
- Extension: Explain each type of erosion.

Natural Landmark

- Research natural landmark affected by erosion. Type of erosion must match the type of erosion you performed for your experiment.
- What is the name of your landmark?
- Where is your landmark located?
- How was your landmark formed?

Erosion Prevention

- How to minimise the effects of erosion caused by human activity.

DUE DATE: Term 4/ Week 2/ Thursday

## **WEEKLY STEPS TO FOLLOW:**

### Term 3: Week 8

1. Complete Slides 3, 4 and 5 on the 'T3 Science Research Keynote'.
2. Decide on the type of erosion you want to demonstrate for your experiment.
  - Water, Wave or Wind
3. Complete Scientific Experiment worksheet.
  - Question
  - Hypothesise
  - Procedure.

### Term 3: Week 9

4. Perform experiment.
  - Take pictures (before and after)
  - Record your experiment with your iPad (1 person performs the experiment, 1 person records the experiment)
  - Most items for your experiment can be found at school.
5. Complete Scientific Experiment worksheet.
  - Results
  - Conclusion
  - Complete Slide 6 on the 'T3 Science Research Keynote'.

### Term 3: Week 10

6. Research 'Natural Landmark' affected by erosion. These natural landmarks can be found on the Science project website.  
<http://y4earthchangesovertimegnls.weebly.com>
  - Complete Slides 8, 9 and 10 on the 'T3 Science Research Keynote'.
7. Revise Erosion Prevention.
  - Complete Slide 12 on the 'T3 Science Research Keynote'.

### Term 4: Week 1

8. Plan your iMovie sequence using the template provided.
9. Make your iMovie

### Term 4: Week 2

10. Swap your iMovie with another pair.
  - Provide feedback to each other.
11. Present your iMovie.