**2nd Grade**

**EARTH SCIENCE PROJECT – AT HOME PROJECT**

**\*2 Complete Paragraphs\***

Due Date: **January 28th** Presentations: **Jan. 28th, 29th, 30th, 31st**

**\*\*\*Please note: 2nd grade parents may attend project presentation. Dates/times of presentations must be coordinated with the advisor. Please see your advisor to select and confirm your date. Thank you!**

The following standards are what 2nd grade students will use as the focus of their January project. Students are to select ONE of the three Earth Cycles below. Each student has three required standards – select one visual from the first set of standards and two standards from the second set of standards. The written report should show how the standards are related to the nature of science.

**Earth Cycles (Choose 1)**

1. Moon Cycle
2. Water Cycle
3. Rock Cycle

**Visual Standards (Choose 1)**

1. Construct a chart that displays observations and explanations using words, numbers and pictures (Science Notebook, PowerPoint, etc).
2. Construct a visual model of a tool that a scientist uses during an experiment

**Additional Standards (Choose 2)**

1. Make and justify predictions based on observations
2. Explain that many kinds of people do science
3. Explain that there are many kinds of scientist in the world
4. Investigate and describe how the sun warms the land, air, and water
5. Observe, record over time, and describe patterns associated with the sun and moon

A completed project will contain the following elements:

✓ **Project Proposal** turned in on time (5% of grade)

✓ **Original written document** (see planner) turned in on time (35% of grade)

✓ **Bibliography** (see planner for details) turned in on time (15% of grade)

✓ **Visual** turned in on time (15% of grade)

✓ **Note Cards** (see planner) turned in on time (5% of grade)

✓ **Presentation** (20% of grade)

✓ **Reflection** projects will not be scored until reflection is received (5% of grade)

✓ **Handwritten Rough Draft attached to final copy**

**3rd Grade**

**EARTH SCIENCE PROJECT – AT HOME PROJECT**

**\*3 Complete Paragraphs\***

Due Date: **January 28th** Presentations: **Jan. 28th, 29th, 30th, 31st**

**\*\*\*Please note: Invitation for this project presentation is for 2nd grade parents only. Please see your planner for 3rd grade presentations at the end of February.**

**Thank you!**

The following standards are what 3rd grade students will use as the focus of their January project. Students are to select ONE of the three Earth Cycles below. Each student has three required standards – select one visual from the first set of standards and two standards from the second set of standards. The written report should show how the standards are related to the nature of science.

**Earth Cycles (Choose 1)**

1. Moon Cycle
2. Water Cycle
3. Rock Cycle

**Visual Standards (Choose 1)**

1. Construct a chart that displays observations and explanations using words, numbers and pictures (Science Notebook, PowerPoint, etc).
2. Construct a visual model of a tool that a scientist uses during an experiment

**Additional Standards (Choose 2)**

1. Conduct investigations based on observations and question raised about the world
2. Use observable patterns to organize items and ideas and to make predictions
3. Investigate and describe that the earth is composed of different kinds of materials (rock, soil, water, air)
4. Compare, test, measure, record, and describe observable properties of rocks and minerals

A completed project will contain the following elements:

✓ **Project Proposal** turned in on time (5% of grade)

✓ **Original written document** (see planner) turned in on time (35% of grade)

✓ **Bibliography** (see planner for details) turned in on time (15% of grade)

✓ **Visual** turned in on time (15% of grade)

✓ **Note Cards** (see planner) turned in on time (5% of grade)

✓ **Presentation** (20% of grade)

✓ **Reflection** projects will not be scored until reflection is received (5% of grade)

✓ **Handwritten Rough Draft attached to final copy**

**2/3 Project Proposal**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ “Earth Science Project”**

Start Date: **Tuesday, December 17th**

End/Due Date: **Tuesday, January 28th**

Neatly write three (3) specific questions you will answer in your report/project. These questions should specifically address the standards being covered in the project. (Questions may not be yes/no types of questions.) Please give great thought to these questions, as they will be the foundation of your project.

Question 1

Question 2

Question 3

|  |  |
| --- | --- |
| **Task, Step, Activity** | **Date to be completed/turned in** |
| **Project Proposal** | **Thursday, December 19th** |
| **Final Product (Rough Draft, Final original document, note cards, visual, bibliography, oral presentation ready)** | **Tuesday, January 28th** |
| **Project Presentation – to be determined by advisor** | **January 28th – January 31st** |
| **Project Reflection (must be submitted to receive project grade)** | **No later than January 28th** |

Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Advisor Approval \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Proposal Received \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Subject: Science NV Standards: (2nd) 2.1.1 – 2.3.4, (3rd) 3.1.1 – 3.3.2**