Rocks
Rocks are all around us
Some rocks are big
Some rocks are little.
Some rocks are heavy
Some rocks are light.
Some rocks are smooth.
Some rocks are rough.
Some rocks are soft.
Some rocks are hard.
Rocks can be different colors.
There are many different rocks for me to find.
I predict I can find a ____________ rock.
I predict most rocks will be ______________
I predict most rocks will be rough.

I predict most rocks will be smooth.

I predict most rocks will be soft.

I predict most rocks will be hard.

I predict most rocks will be small.

I predict most rocks will be big.
I predict most rocks will be brown.

I predict most rocks will be green.

I predict most rocks will be yellow.

I predict most rocks will be pink.

I predict most rocks will be heavy.

I predict most rocks will be light.
<table>
<thead>
<tr>
<th>rock</th>
<th></th>
<th>not</th>
<th>rock</th>
<th></th>
</tr>
</thead>
</table>


<table>
<thead>
<tr>
<th>heavy</th>
<th>rock</th>
</tr>
</thead>
<tbody>
<tr>
<td>light</td>
<td>rock</td>
</tr>
</tbody>
</table>

[Image with scales and rocks]
<table>
<thead>
<tr>
<th>big</th>
<th>rock</th>
</tr>
</thead>
<tbody>
<tr>
<td>small</td>
<td>rock</td>
</tr>
<tr>
<td>soft</td>
<td>rock</td>
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<tr>
<td>------</td>
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<tr>
<td>hard</td>
<td>rock</td>
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<tr>
<td>rough</td>
<td>rock</td>
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<table>
<thead>
<tr>
<th>smooth</th>
<th>rock</th>
</tr>
</thead>
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</tbody>
</table>
I looked at ________________.

I learned that rocks are __________ __________.

I like the __________ rocks best.

I counted __________ rocks.
Earth and Space Science
ESS 1.1.2 Describe rocks and minerals using their physical properties

A Science Investigation includes 4 components:
- Observing/questioning
- Planning
- Conducting
- Analyzing

OBSERVING/QUESTIONING
Ideas on how students may be involved in the observing/questioning component of the science investigation:
- Read a book about rocks and discuss the observations.
- Take a walk around the school and observe different rocks.
- Make a prediction about the observations. (see predictions included in this unit)

PLANNING
Ideas on how students may be involved in planning the science investigation:
- Collect and put on the LAB coats.
- Based on predictions, identify the things needed for the experiment (different types of rocks).
- Identify the tools needed to collect the things (boxes, bins, labels for different things).
- Identify the data chart (tool) needed for the experiment. (see different data charts in unit)
- Plan the places to visit to collect the things.
- Take a walk around the school and collect things.

CONDUCTING
Ideas on how students may be involved in conducting the science investigation:
- Use a 7 step process to conduct the experiment such as
  1. Walk outside
  2. Look for rocks
  3. Put rocks in containers
  4. Take rocks out
  5. Investigate the rocks
  6. Mark worksheet

ANALYZING
- Check your predictions
- Summarize using a lab report
- Discuss what you found