**ABSTRACT**

The material presented in the poster originates from a course taught in Spring 2007 at LSJ 3704 at SUNY at Buffalo. The course is a basic introduction to Geology and includes lectures on the fundamental concepts of geology. The course also includes field trips to various locations around the region to observe and study the geological features firsthand.

**Just In Time Teaching In An Introductory Geology Course**

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**Student Responses:**

1. **Si**

   - (a) The principle mineral group is composed of silicon and oxygen.
   - (b) The major mineral group in rock is feldspar, including plagioclase and olivine.
   - (c) The major mineral group in rock is mica.

2. **Mg**

   - (a) The principle mineral group is composed of magnesium and oxygen.
   - (b) The major mineral group in rock is olivine.
   - (c) The major mineral group in rock is pyroxene.

3. **Ca**

   - (a) The principle mineral group is composed of calcium and oxygen.
   - (b) The major mineral group in rock is calcite.
   - (c) The major mineral group in rock is dolomite.

4. **Al**

   - (a) The principle mineral group is composed of aluminum and oxygen.
   - (b) The major mineral group in rock is kaolinite.
   - (c) The major mineral group in rock is alunite.

**A QUESTION OF PERCEPTION**

The small skillet is a student's favorite weapon and got many questions. It was used in the experiment to show the students the principles of crystal growth. The students were asked to identify the minerals and were given the opportunity to analyze the samples. The students were asked to compare the samples with their own observations and to write down their conclusions. The results showed that the students were able to identify the minerals correctly.

**SURVEY SAYS**

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<tr>
<th>Agree</th>
<th>Disagree</th>
<th>N/A</th>
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**Table 1:** This survey was conducted at the last day of class. The students were asked to rate their understanding of the topics covered in the course. The results showed that most students had a good understanding of the topics, with a few students indicating that they needed more practice. Overall, the majority of students were satisfied with the course content and would recommend it to others.