# Elementary Science Lesson Plan

## The Human Body

### Grades 3-4

<table>
<thead>
<tr>
<th>Overview</th>
<th>The purpose of this lesson is for students to be able to apply their acquired knowledge of basic anatomy and apply it to a real-life situation presented to them through use of Xtranormal technology.</th>
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</thead>
<tbody>
<tr>
<td>Objective</td>
<td>Following this lesson, students will be able to identify very basic parts of human anatomy through location cues.</td>
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</table>
| Standards | Indiana 4<sup>th</sup> Grade Standards  
Science 4.2.7: Identify better reasons for believing something than "Everybody knows that . . ." or "I just know" and discount such reasons when given by others. |
| Materials | The material needed for this lesson includes:  
✓ Textbook  
✓ Handouts  
✓ Cue Cards  
✓ Xtranormal video |

## Procedures

- Allow for students to get settled into their seats as they come into class.
- Tell the students to have their textbooks, handouts, and cue cards out so that they can easily get to them.
- Explain to the students that today they will be seeing a few Xtranormal videos to show real life examples of what they have learned about the human body. They will need to identify the problem area of the body that is mentioned in each video.
- Tell the students rewards will be given when students can identify the area of the body that is discussed and can explain why it is that area.
- Show them an example. State that the character in the video was complaining of his lower body being in pain. It was clear from what the character said that the problem area was not the leg. He was having trouble putting pressure on his foot, but his foot did not hurt. The problem area was most likely the ankle because the character could not move the foot around at the joint of the ankle.
- Ask the students if they have any questions and answer any questions they may have before proceeding.
- Show the first video. After it finishes, ask the students if they can identify the problematic area of the body. If they can, proceed to the next video and reward the student(s) able to identify the area. If they cannot, show various parts of the video over and give them cues. After they are able to figure out the answer, be sure to explain in detail using support from the video as to why it was that answer.
- Repeat this until all of the videos are shown.
- Before releasing the students, check for understanding of the basic parts of the human body.
- Dismiss the students.

## Evaluation

Students will be evaluated based on their ability to identify the correct body part from the Xtranormal video. The teacher will give cues and replay parts of the video if necessary for the students to correctly identify the body part. The teacher will not proceed until the students have identified the body part and have an understanding of why.