

LESSON TITLE:

The League of Extraordinary Senses: The role of the 5 senses in protecting the body

LESSON DESCRIPTION:

This educator-led lesson focuses on the identification of the 5 senses, how they work, and how each one of them can protect the body in their own way. Students will be introduced to the League of Extraordinary Senses and each of their super powers. The students are then presented with a scenario of a young girl traveling to the park. During this trip to the park she will encounter a number of dangerous scenarios. The students will need to identify the correct super hero to solve the problem. Once chosen, the super hero resolves the scenario, further demonstrating the role that the senses play in protecting the body. The instructor can lead the students through this activity, or it can be done as an independent activity.



GRADE LEVEL:

1, 2, 3

INSTRUCTION PHASE:

Analysis

DURATION:

30 - 45 minutes

DELIVERY METHOD:

Educator-led (suggested method) or Individual

MATERIALS:

1. Computer, mouse and large screen LCD/digital projector with link to the internet
2. Projector screen for front of classroom

MANAGEMENT:

- For this educator-led activity, students will be working in one large group or in two to three smaller groups to watch video segments on the projection screen in the front of the classroom.
- The educator will prompt the group(s) for answers to the scenarios/dilemmas and then use the computer mouse to choose the correct super hero to solve the dilemma. The educator may ask for a student volunteer(s) to come to the front of the class and "click" the correct responses on behalf of the whole student group as a variation
- As a variation, this lesson may be completed in the computer lab/back of classroom computers as individuals or small groups *if the 5 senses and their functions have been reviewed prior to this activity.*
- *The educator will need to reserve computer lab time for this activity. Please be aware that the lesson activity after this one may also require the use of this same equipment. If needed, please adjust equipment reservation time accordingly.*

LESSON OBJECTIVES & STANDARDS:

Students will be able to:

1. Identify the five senses.
2. State how the senses help to protect people.
3. Explain how each sense helps people to enjoy their surroundings.
4. Identify the organs associated with each sense.
5. Tell how the body provides natural protection for the brain, eyes, and ears.
6. Identify health and safety practices to protect the five senses.

National Standards

Health: 1, 3, 6

PA State Standards

Health, Safety and Physical Education: 10.2.3 A, B

ANTICIPATORY SET:

If this activity is done as part of the **SenseAble Me** e-Learning kit activities, begin by reviewing what class topics have been discussed thus far. Review with students what the **League of Extraordinary Senses** activity will cover and entail.

Relate student experiences to the objectives of the lesson by asking the following:

1. How do your senses help to protect you?
2. How can they help you to cross the street safely?
3. Which sense do you think protects you the most?
4. Why is it important to use all of your senses?
5. What are some ways to protect your eyes?
6. What are some ways to protect your ears?
7. What are some ways to protect your skin?
8. What are some ways to protect your sense of smell?
9. What are some ways to protect your sense of taste?

TEACHING – Input:

Lesson Terms

1. To **hear** is to receive sounds through the ear.
2. **Protection** is keeping someone or something from harm.
3. The **senses** are seeing, hearing, smelling, tasting and touching.
4. **Sight** is the sense used to see.
5. To **smell** is to be aware of an odor by using your nose.
6. The **skin** is the organ that covers and protects the body.
7. **Taste** is the sense used to identify food flavors.
8. **Touch** is the sense used to feel.

TEACHING – Modeling:

- Students will gather as one large group or two to three smaller groups to watch the activity as it is projected onto the large screen in the classroom. Once the activity is launched, Simon will appear and introduce the beginning of the **League of Extraordinary Senses** Activity.
- The activity begins with an announcer introducing each of the League of Extraordinary Senses (Amelia Ear, Sir Edmund Eye, Toulouse Le Touch, LaToya Tongue, and Nose Wong) with their associated functions, likes, and dislikes. If needed, the educator will have the opportunity to review the information associated with each hero after each specific introduction.

Guided Practice:

- The announcer will introduce the students to their mission: getting Ann Marie to the park safely to meet with her friends. Throughout her journey, she will be presented with a number of dangerous obstacles. One at a time, these obstacles will be presented to the students. After each one is shown, the instructor will lead a discussion asking students which super hero would be able to resolve the scenario with the help of that sense. If the students choose the correct hero, they will move on towards the resolution of that dilemma. The resolution of each scenario entails the correct hero explaining how the scenario will be resolved using that sense. If they choose the wrong hero, they will get a “wrong button” reaction from the incorrect hero and will be asked to choose again.

TEACHING – Check for Understanding:

1. The five senses are sight, hearing, taste, touch, and smell.
 - a. How many senses do we have?
 - b. What does the word “sense” mean?
2. The senses help to protect people by notifying them of dangers in the world around them.
 - a. How can the senses help to keep the body healthy?
 - b. How could the sense of sight protect someone?
 - c. How could the sense of smell protect someone?
 - d. How could the sense of taste protect someone?
 - e. How could the sense of touch protect someone?
 - f. How could the sense of hearing protect someone?

Content Developed by

3. The senses help people to enjoy their surroundings by helping them experience everything in the world around them.
 - a. What are some things that your sense of sight may enjoy?
 - b. What are some things that your sense of smell may enjoy?
 - c. What are some things that your sense of taste may enjoy?
 - d. What are some things that your sense of touch may enjoy?
 - e. What are some things that your sense of hearing may enjoy?
4. The organs associated with each sense are: The eyes help us see, the nose helps us smell, the tongue helps us taste, the skin helps us touch, and the ears help us hear. The brain and the nervous system are also large parts of how our senses work.
 - a. What organ helps us see?
 - b. What organ helps us smell?
 - c. What organ helps us taste?
 - d. What organ helps us touch?
 - e. What organ helps us hear?
 - f. What other parts of the body are used with our senses?
5. The body provides natural protection for the brain with the skull. The body provides natural protection for the eyes with eyelids, eyelashes, eyebrows, and tears ducts. The body provides natural protection for the ears with the ear flaps, tiny hairs within the ears, and wax build-up within the ears.
 - a. How does the body protect the brain?
 - b. How does the body protect the eyes?
 - c. How does the body protect the ears?
 - d. Why is it important to protect these things?
6. Healthy practices to protect the five senses include: wearing sunscreen, wearing eye and ear protection, not smoking, and not smelling things that can damage the nerves in the nose.
 - a. Why is it important to protect our senses?
 - b. How can we protect our sense of sight?
 - c. How can we protect our sense of smell?
 - d. How can we protect our sense of taste?
 - e. How can we protect our sense of touch?
 - f. How can we protect our sense of hearing?

CLOSURE:

Review key points of the lesson to help students form a coherent understanding of the lesson objectives. Ask students to tell or show you what they have learned, using questions similar to those found in **Check for Understanding**.