

Jay Curriculum: Unit Cover Page

Unit title: Five Senses

Grade Level: 2

Content Area(s): Science

Date Created:

Designed By: Jay Second Grade Teachers

Year 1 Map & Template Development

- Map/Matrix Completed
- Material & Resources Listed
- Draft Design Template Completed
- Initial Draft Template Document

Year 2 Piloting

- Develop:
- Performance Tasks
- Other Assessments
- Scoring Rubrics
- Piloted

Year 3 Review & Complete Assessment

- Performance Tasks Development
- Other Assessments Completed
- Scoring Rubrics Completed
- Reviewed/Revised Templates

Year 4

- Full Implementation
- Benchmarks Established

Standard(s)/Performance Indicators:

- A2 Describe characteristics of different living things
- C1 Demonstrate that living things are made up of different parts
- C3 Explore magnifying devices and how they allow one to see in more detail
- C4 Provide examples of causes of diseases
- E2 Describe some physical properties of objects
- J4 Identify products which were invented to solve a problem
- K3 Make observations
- K4 Participate in brainstorming activities
- K5 Use various forms of simple logic
- L1 Describe and compare things in terms of number, shape, texture, size, weight, color, and behavior
- L3 Ask clarifying questions
- L4 Explain problem-solving processes using verbal, pictorial, and written methods
- L6 Use objects and pictures to represent scientific and technological ideas
- M2 Describe at least two inventions, what they do, how they work, and how they have made life easier
- M5 Explain all the ways that they rely on electricity every day

Unit: Five Senses

Brief Summary of Unit/Topic

Summary:

In this unit students will be introduced to the five senses: touch, taste, smell, sight and hearing. Students will learn that they get information about their world through the use of each sense. They will understand that the brain controls each of the five senses. Students will learn the role each sense plays in understanding the world around them.

Stage #1: Identify Desired Results

Essential Question/s:

General understanding/s (What is worth being familiar with?)

- There are 5 basic sense
- The brain controls each of the 5 senses
- The 5 senses help us perceive our surroundings and gather information about our world

Students will know:

- There are 5 basic senses.
- Each sense has a corresponding body part
- The brain will control each sense
- Each of the 5 senses plays a unique role in understanding the world around us

Students will be able to:

- Observe charts and posters and identify the sensory organs and their functions
- Understand controlled variables
- Graph observations and analyze them
- Extend knowledge through reading and writing
- Research information through the library and technology
- Discover sensory function through experimentation.

Enduring Understanding/s:

- The 5 basic senses are controlled by the brain
- These senses are sight, hearing, touch, smell, and taste

Stage #2: Evidence

What evidence will students have to provide in order to demonstrate that they have developed the skills, knowledge and understanding to successfully complete this unit?

| Performance Tasks/Products/other assessments Performance tasks should have a <u>scoring guide</u> . | <i>Performance Indicators</i> for this task.* Example: ELA: C- 1,2,3 Science: B- 3,5,7 SS His: H- 2 | <u>Modalities</u> K =Kinesthetic O =oral V =visual W =written | Are <u>examples</u> available to students? ? Y, N, or N/A | Component of Local Assessment System? Y or N (See aligned scoring guide .) |
|--|---|---|--|---|
| Identify the five sense and the corresponding body part | A2, E1 | | | |
| Explain and discuss how the brain controls our five senses | C1, K5, L1, L3 | | | |
| Investigate and observe the role each sense plays in the understanding of our world | C3, C4, J4, K3, K4, L4, L6, M2, M5 | | | |
| QUIZZES, TESTS, PROMPTS | | | | |
| My Five Senses Test | | | | |
| OTHER | | | | |
| Quick Write | | | | |
| Journal Writing | | | | |
| STUDENT SELF ASSESSMENT | | | | |
| Journal Writing | | | | |
| Student Posters | | | | |

*Abbreviate: English Language Arts= ELA, Career Preparation=CP, Modern and Classical Languages=MCL, Social Studies=SS, Visual and Performing Arts=VPA

Stage #3: Plan learning experiences & instruction

What teaching & learning experiences may equip students to develop & demonstrate the targeted understanding(s)? (activities/plans):

*All materials found in sense kit.

1. General introduction to sense – big book “My Five Senses” by Alike
2. Vocabulary
3. Read and discuss appropriate literature
4. Discussions and brainstorming
5. Five Senses game
6. Five Senses hands on box – experiments
7. Use computer for research
8. Videos – “Arthur’s Eyes”, “Arthur’s Nose”
9. Taste testing
10. Vibration experiments
11. Listening tape
12. Touching experiment
13. Appropriate worksheet
14. Charts/Posters
15. Diagram and label
16. Smelling experiments
17. School nurse does presentation
18. Mystery bag – texture
19. Color/Light Idea box

REFERENCES: