Title of Lesson: Taste and Smell
Theme: Physical Science
Unit Number: 1  Unit Title: Physical Properties of Matter
Performance Standard(s) Covered (enter codes):
   SKP1

Enduring Standards (objectives of activity):
   Habits of Mind
   ☒ Asks questions
   ☐ Uses numbers to quantify
   ☐ Works in a group
   ☐ Uses tools to measure and view
   ☐ Looks at how parts of things are needed
   ☐ Describes and compares using physical attributes
   ☒ Observes using senses
   ☐ Draws and describes observations

Content (key terms and topics covered):
Taste, smell, senses, how they are related

Learning Activity (Description in Steps)
Abstract (limit 100 characters): This lesson distinguishes between the senses of taste and smell.
Details: An overview of the five senses must be taught before this activity. Before beginning the
lesson have the lemons cut into wedges and have the unsweetened chocolate bar already broken into
pieces. Place the paper plate out to be ready for the kids and then have all other materials standing
by ready to be passed out.
Begin the lesson with a book about the senses of taste and smell. This will give the children an
overview and an idea of what they are about to do. Then start the activity by talking about the
senses and what they are used for. Then begin by placing the first food item on their paper plates.
For example, purposes I will start with lemon. Tell them to smell the lemon and use their sense of
smell. Then tell them to taste the lemon and ask them if it is the lemon sour, sweet, bitter, or salty. Let
them know these are the four types of taste and then proceed to repeat this procedure for the rest of
the food.
Finally after one has gone through all the tastes and smells explain how taste and smell are related.
Describe to the children how it is hard to taste when you have a cold or plug your nose. After the
explanation demonstrate this. Blindfold all the children and then tell them to tell them to plug their
noses. Then place a piece of any type of candy on their tongues and tell them to tell you what it is.
They should not be able to and then tell them to release their noses. After this ask them what the
candy is (this works better if the candy is similar to the gummy bears so they cannot tell by texture
what the candy is). Hopefully they will tell you what it is. When finished with the activity review
what the sense of taste and smell are. Review what types of taste there are and then remind the kids how taste and smell are related.

**Materials Needed (Type and Quantity):**
Bag of pretzels
Five lemons
A bar of unsweetened cooking chocolate
A bag of gummy bears
Another bag of candy, doesn't matter what kind
Blindfold
Paper plates
Napkins

**Notes and Tips (suggested changes, alternative methods, cautions):**
Be sure to keep napkins close by especially during the chocolate because they will most likely spit the chocolate out.

**Sources/References:**
1)
2)
3)