



## The Five Senses

### What I Will Be Learning In This Mastery Badge:

In this mastery badge we will discover your five senses, and learn how they are used by your body to help you understand and interact with the world around you.

### What This Packet Includes:

It is important that you complete all aspects of this packet so that you gain the knowledge and skills that we are working on.

I. **Discovering Lab**

A discovering lab is a fun, introductory lab, where we discover the knowledge on our own.

II. **Video Instruction**

You will watch a video presented by Mr. Bertoch, and answer questions about it.

III. **Literacy Practice**

Reading and writing are critical life skills, and also very important to science. You will read the assigned article and complete a writing prompt.

IV. **Applying Lab**

An applying lab is how you pass off the Mastery Badge. It serves as the quiz. It is a hands on demonstration that you have mastered the skills and content of this badge.

### Key Things We Will Learn In This Mastery Badge

Some of the most important things we will learn in this mastery badge:

- Humans have five main senses.
- These senses help us to understand and interact with the world.
- How each sense works by gathering information and transmitting it to our brain.

Name: \_\_\_\_\_

Date: \_\_\_\_\_



# Discovering Lab

Learning Through Hands  
On Activities



## Discovering The Five Senses

Making your own discoveries.

Scan This QR Code To Watch Mr. Bertoch Give You Directions For  
This Assignment



## Communicating With Our Senses

We use our senses to understand and interact with the world around us. Each sense is a little different and helps us understand the world in a different way. In this lab you will complete a difficult task while having some of your senses unavailable to you.



## Supplies:

For this lab you will need a recipe for cookies, and all of the ingredients in the recipe. You will also need two blindfolds, two sets of earplugs, tape, string or rope, and two assistants to help you, such as parents or siblings.

## Instructions:

You are going to bake a batch of cookies following a recipe. However, some of your senses will be blocked to make it more challenging. Select one of you to fill each role listed below.

- **Person 1**

This person can see and talk, but can't hear or feel (use their hands). Have them wear earplugs, and tie their hands behind their back.

- **Person 2**

This person can hear, but they can't see or talk. Have them wear a blindfold, and tape their mouth.

- **Person 3**

This person can talk, but they can't see or hear. Have them wear a blindfold and earplugs.

Do not look at the recipe until everyone is ready. Under an adult's supervision work together to follow the recipe and bake a batch of cookies. Make sure that everyone participates.





## Questions That Make You Think:

Always answer thinking questions using complete sentences.

1. Describe your experience baking cookies without all your senses. Was it difficult? How did your cookies turn out? Be detailed.

2. Why are our senses important? Be detailed.

3. Sometimes people are born without one of their senses, or they lose it due to an accident or illness. What do you think life might be like without one of your senses?

4. Explain what each of your five senses does and why it is important.

# Video Instruction

Reviewing The Teacher's  
Instruction At My Own  
Pace



## Handsome Science Teacher One Take Videos



**Good Job On Completing The Discovering Lab!**  
Now let's connect your discoveries to the vocabulary.  
Mr. Bertoch has created a video for you to watch.

**Take Your Time, Pause And Rewind As needed**  
You are not in a hurry! It is more important that you understand the video than that you finish it quickly. Take your time. If you don't understand something, pause the video and discuss with an adult.

When you finish this video, you should have a good understanding of the concepts that have been taught. If you find yourself confused, rewind, and rewatch.

## The Video For This Mastery Badge Can Be Opened Using This QR Code

This Mastery Badge includes one video:



Watch The Assigned Science Video  
Scan This QR Code To Open And Watch The Assigned Video For This Mastery Badge

### Check Point

**I watched the video carefully, and understood what Mr. Bertoch taught me.**  
(If not, that is okay. Watch the video again, and discuss it with an adult)

## What I Learned From This Video



One very powerful way to help yourself remember what you learned from the video is to summarize it in your own words and in the form of pictures.

Write one sentence in your own words explaining what you learned from the video. Then draw a picture of something you learned from the video.

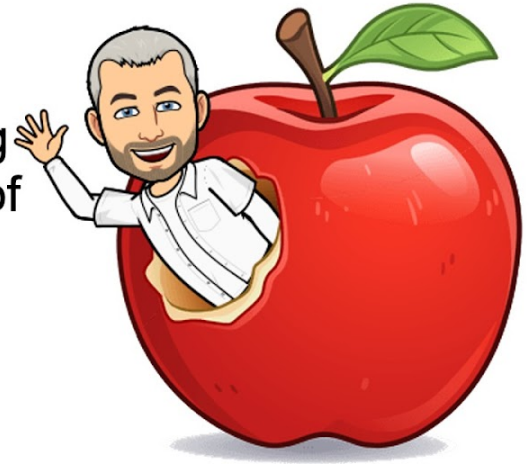
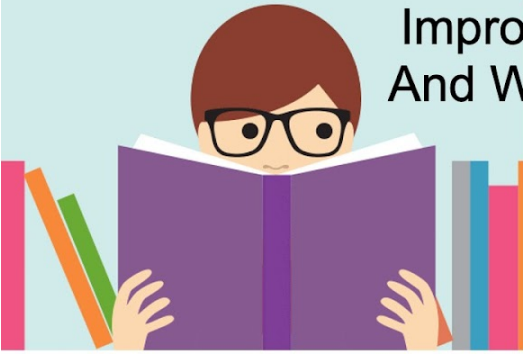
What I learned from this video (One Sentence):

A picture of something I learned from the video:



# Literacy Practice

Improving Our Reading  
And Writing In Search of  
Knowledge



## Activity: Reading And Writing



**Directions:** Reading and writing are very important life skills. Good scientists must be able to learn through reading and communicate their own discoveries through writing.



Scan This QR Code To Watch Mr. Bertoch Give You Directions For This Assignment

### 1. Practice Reading For Understanding

Read the article below **for understanding**. Reading for understanding means that you take your time and monitor your own learning. If you get to the end of a sentence and you do not remember or understand what you read, **re-read it**.

### 2. Practice Writing To Communicate

Complete the writing prompt below. Do your very best to write clearly so that others will understand what you are saying. This means using correct spelling, grammar, and writing, taking your time to think about the best ways to clearly communicate to others the main ideas that you are trying to get across to them.



Read The Assigned Article Carefully For Understanding.

<https://handsomescienceteacher.com/Online-science-classes-kids/our-five-senses-2/>

Scan This QR Code To Open And Read The Article That Goes With This Mastery Badge

### Check Point

Let's make sure that you really did read for understanding!

Remember that it is important to hold yourself accountable to a high standard and to take pride in your own success as a learner.

**I Read For Understanding. I did not skim the article. I understood the material that the article discussed.**

### Quiz Time

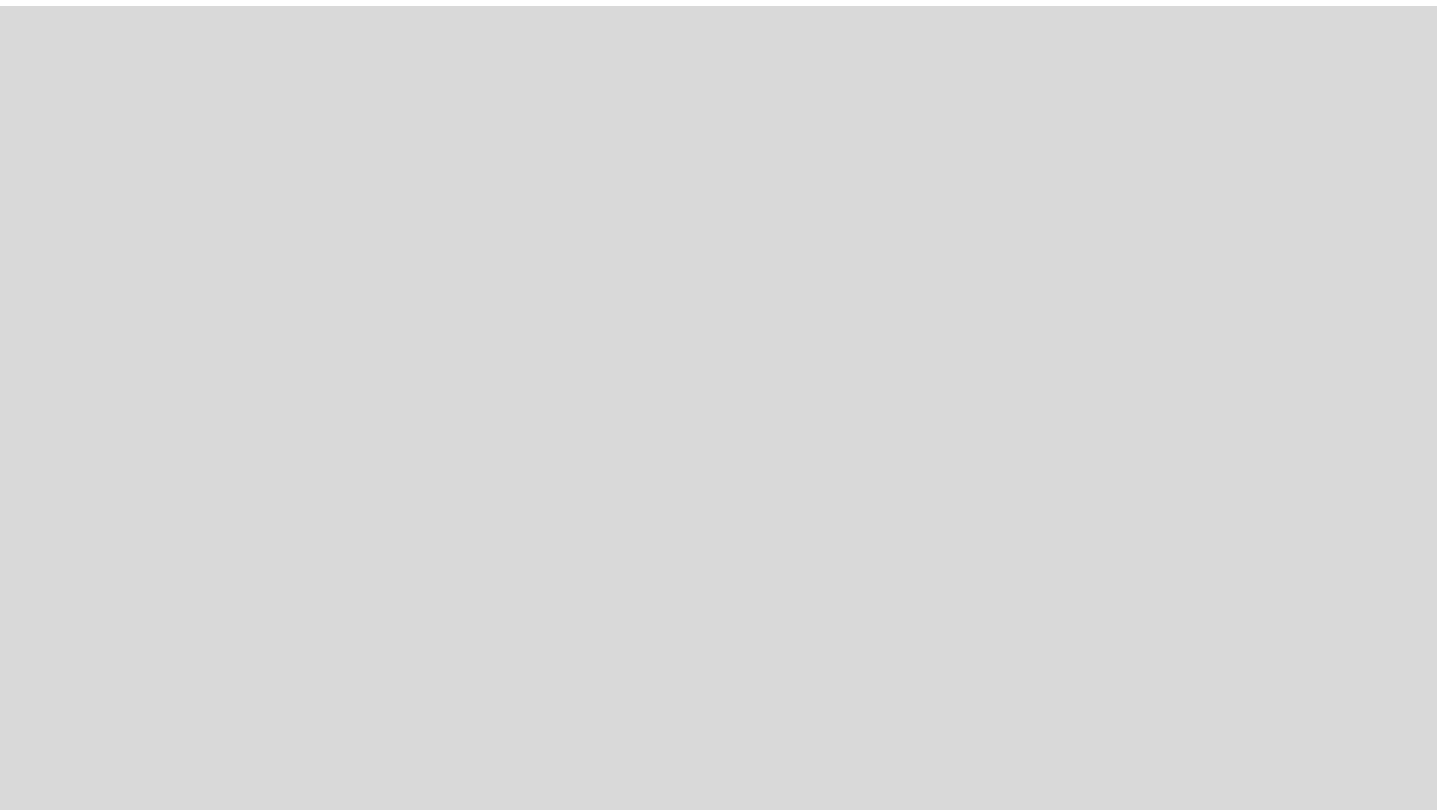
Complete the quiz at the end of the article and post your score in the box below. Your goal is to get at least 75% on the quiz. Did you accomplish this goal?

%

### Now Let's Write To Communicate

Remember that when you write to communicate you are taking your time, and explaining the topic in a detailed and concise way. Don't rush! You are not in a hurry. Think about what you are going to say, and plan how you will say it. So that someone else who reads your sentences will understand them easily.

**Writing Prompt:** Write two sentences describing how we use our five senses to better understand the world around us.





Name: \_\_\_\_\_

Date: \_\_\_\_\_



## Applying Lab

Proving That We Can Do  
It Ourselves



## Applying The Five Senses

Applying What We Have Learned.

Scan This QR Code To Watch Mr. Bertoch Give You Directions For This Assignment



## Living Without One of Your Senses

For this lab you are going to select one of your senses to go without for an entire day. Though you have five, we will be selecting from only three of them. Either hearing, seeing, or touch.

### Note:

For this lab you will intentionally select one of these three senses to go without for a period of time. It is recommended that this time period be long enough to really give you an idea of what life would be like without this sense. While the amount of time is up to you, it is recommended that you spend a minimum of 6-8 hours without the sense that you select.

1. Which sense will you go without?

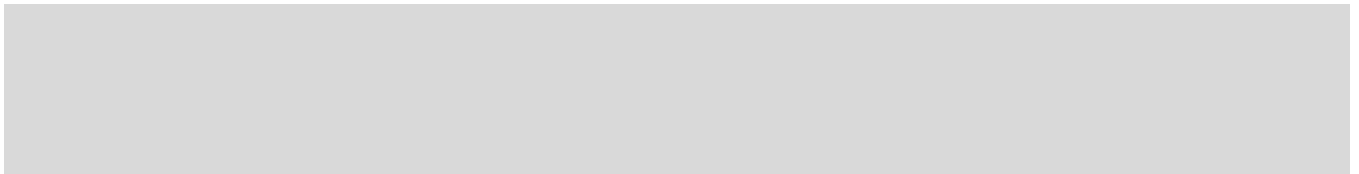


### **Removing Your Sense**

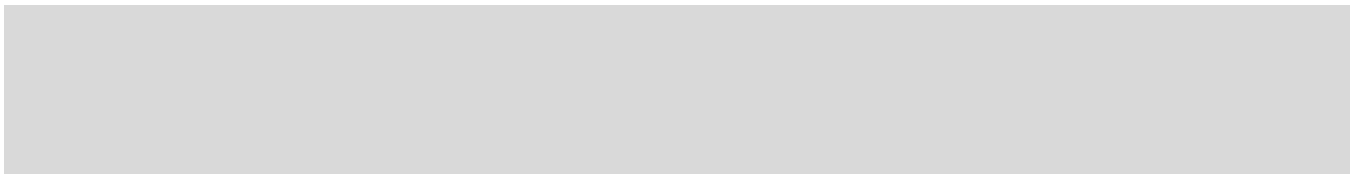
If you are going without sight place a blindfold over your eyes. If you are going without hearing put earplugs in your ears. If you are going without touch tie your hands behind your back.

After several hours remove the blindfold, earplugs, or rope and answer the following questions:

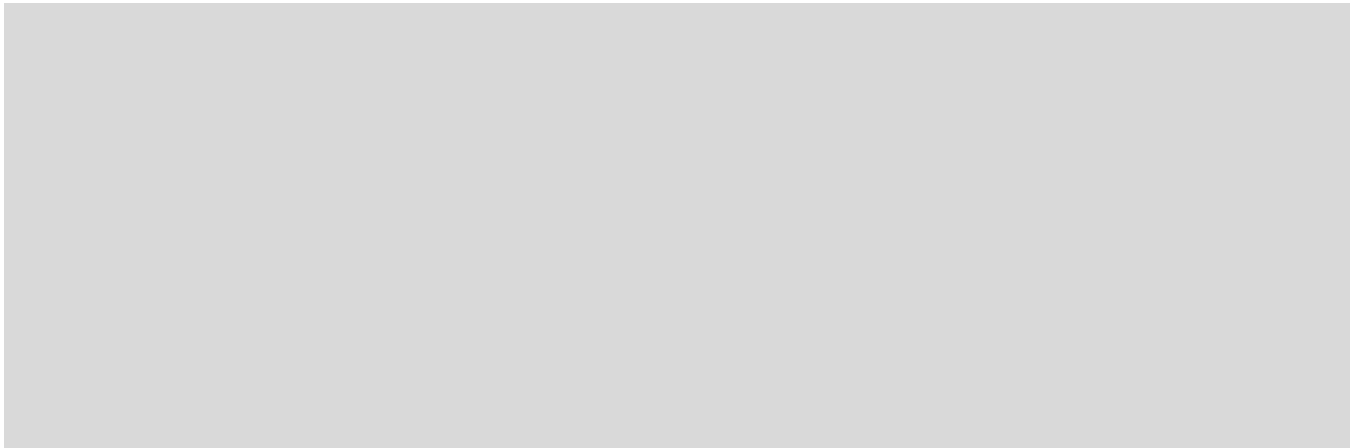
2. Describe what it was like to go without this sense for an extended period of time.

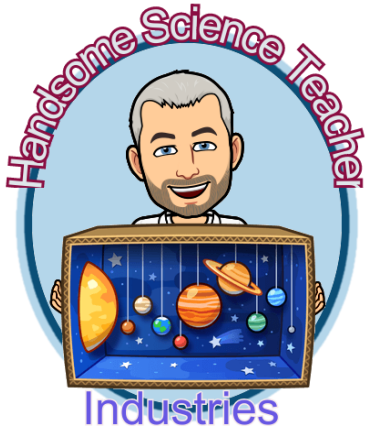


3. If you had to live without this sense for many years, do you think you could adapt to it?



4. Why are our senses important? Be detailed and specific.





**Congratulations! You Have Completed The Entire Mastery Badge**

You have worked really hard to earn this mastery badge. More importantly, you have worked hard to earn your knowledge!

**Time To Evaluate Your Work**

Check each of the following to evaluate your work:

1. Did you do every assignment?
2. Did you read the assigned article?
3. Did you watch the assigned video?
4. Did you answer all the questions using complete sentences?
5. Are your answers accurate?

**My Self-Evaluation:**

Based on the criteria listed above, I believe I have passed off this Mastery Badge because...  
(Be detailed and specific)

**Mastery Badge Counselor Evaluation:**

I have reviewed this student's work. Based on the criteria listed above I hereby certify that they have passed off the Mastery Badge because... (Be detailed and specific) Note: Any adult may serve as a Mastery Badge Counselor, so long as they are committed to ensuring the highest standards of excellence.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Mastery  
Badge Counselor

\_\_\_\_\_  
Date



## Certificate For Your Homeschool Records

The following certificate which has been awarded through self-evaluation by the student, and also certified by a mastery badge counselor proves that the student listed thereon has completed all the work and has mastered all the concepts for the specified topic.

**Keep this on file as evidence of your successful completion of this topic.**

If audited by the State, these certificates stand as evidence that you have worked on and successfully completed a rigorous science curriculum.

