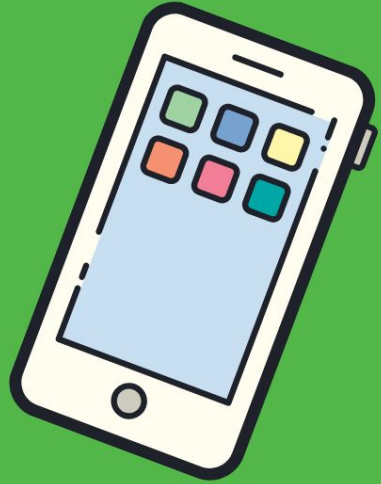
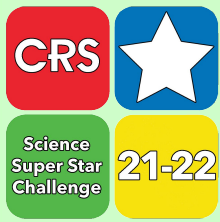




# October Science in Daily Life





# *Welcome to Champions of Discovery* *2021-22!*

Now that you've downloaded your own copy of this slide deck, change the google slide deck name (upper left corner of your screen) to **Your Name, School, October**

**Slide 2: Champions of Discovery overview**

**Slide 3: October Challenge - Teacher instructions**

**Slide 4: October Challenge - Teacher resources**

**Slides 5-8: October Challenge - Student Task/Prompts, by grade level (and examples)**



# Champions of Discovery 2021-22

*Excellence in Elementary Science Teaching & Learning*

**Purpose:** Encourage authentic scientific explorations & meaning making, engagement with STEM role models, and discovery of the science all-around-us, building student scientific literacy for bright futures

**Who:** Elementary students and teachers (general classroom and specialists who are CRS members)

**How:** Complete (up to) Six Challenges!

*A new Science Super Star challenge will be released each month: October, November, December, January, February, March*

*Teachers engage students in monthly challenge learning activity & collect student responses to each monthly challenge; submit at least 10 student examples each month. \*\*Prizes & recognition are for the whole class; teachers can submit representative samples of student work each month.*

**Deadline: March 15, 2022**

## **Classes Earn Recognition & Prizes!**



Bronze - 4 of 6 challenges completed Class earns public recognition, stickers, certificates of achievement

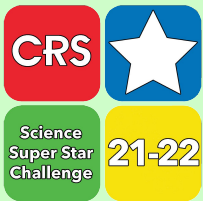


Sliver - 5 of 6 challenges completed Class earns public recognition, prizes, certificates of achievement



Gold - All 6 challenges completed

Class earns special science experience - Scientist Ambassador visit, field trip, or special event  
Plus prizes, recognition and certificates



# October Challenge -Teacher Instructions

October Challenge Goal:

*Find the science in your daily lives, in your community, at home and at school.  
Science is everywhere, hiding in plain sight. Where do you find science?*



**Step 1: Do the optional 'setting the stage' activity** on Slide 5 (or another activity from your curriculum or lesson plan) before assigning the student task. If you've already done this with your class, skip to Step 2.

**Step 2: Assign the October Challenge - Student Prompt/Task** (See slides with prompt/task by grade band below) **YOU get to choose the assignment format and response collection format that work best for you.** Some options include:

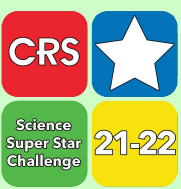
- \*Make copies of the appropriate slide(s) and assign through your google classroom
- \*Create a Jamboard
- \*Have students write & draw in their science notebooks; submit scans or photos of sample pages
- \*Have students make a class poster, or any other creative activity that engages *your students*.

**Step 3: Submit Your Class Entries**

- \***Share** the google slides or jamboard, or **email** photos or samples of student work
- \***Submit or share to:** [ScienceStars@crscience.org](mailto:ScienceStars@crscience.org)

*Please share with us 10 representative student work examples for each monthly submission -- you do not need to send full class sets, just representative examples, or photos of class projects*

**We May Publicly Share Images of Student Work**, so please only share photos or student work that CRS may share out.



# ***October Challenge: Scavenger Hunt for Science in Daily Life!***

## ***Teacher Resources & Setting the Stage***



**For teachers: To set the stage for this challenge**, first engage your students in the question: **What is science?**

Introduce the word **science** and ask students what the word science means. Listen to students' ideas and reinforce the notion that you can find a science (or engineering) connections in everything! **If you've already done this with your class this year, go on to the prompt!**

**Here are some possible ways to engage students in this activity, with connections to language arts tasks:**

- Read a story, or discuss a movie, and find examples of phenomena that science helps us to understand or explain.
- Have students write and draw their ideas about what science is in their science notebooks
- Record class ideas on a whole class poster
- Allow students to have a partner talk with another student to discuss what they think science is

**Teacher Resources:**

- (TK-2) [CRS What is Science? Slide deck](#) (English) [CRS What is Science? Slide deck](#) (Spanish)
- Gr 3-5: [this video](#) could be homework/asynchronous viewing before class discussion of what is science

**After you have explored “what is science” you are ready to have your students respond to the October Challenge by completing a science scavenger hunt! (Student prompt/task slides below, you can adapt for your class)**

**You can use this [CRS Science Scavenger Hunt slide deck](#) as an optional resource for doing a science scavenger hunt activity in class, or to set the stage for assigning it as homework, or to do together as a class activity after students have done it at home**



# October Challenge: Science Scavenger Hunt

## STUDENT TASK, TK-2



TK-Gr 2 Prompt: *Go on a science scavenger hunt! Find one example of something you or someone in your family or class does that has science hiding in plain sight.*

*You can draw, or make a list, or use words to describe the activity or place you find science. (Teachers: select or modify one of the following prompts)*

Some ways I use science every day in my school, community, and at home are\_\_\_\_\_.

I see science when I \_\_\_\_\_. It makes me wonder about \_\_\_\_\_.

I see science when \_\_ (person) \_\_\_\_\_ does/makes \_\_ (activity) \_\_\_\_\_.



# Desafío de octubre: Búsqueda para la ciencia

## Tarea para estudiantes, año académico TK-2



***TK-2: Van a hacer una búsqueda de la ciencia! Encuentren 1 ejemplo de algo que ustedes o alguien en sus familias que tiene la ciencia que está escondida a la vista.***

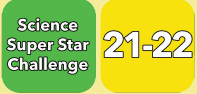
***Pueden dibujar, escribir una lista, o usan palabras para describir la actividad o lugar adónde encuentran ciencia.***

***(Teachers: select or modify one of the following prompts):***

Unas maneras en que uso la ciencia en todos los días en mi escuela, la comunidad, y en casa son \_\_\_\_\_.

Veo la ciencia cuando yo \_\_\_\_\_. Quiero saber \_\_\_\_\_.

Veo la ciencia cuando (alguien)\_\_\_\_\_hace (actividad)\_\_\_\_\_.



# October Challenge: Science Scavenger Hunt

## STUDENT TASK, TK-2 EXAMPLE



TK-Gr 2 Prompt: *Go on a science scavenger hunt! Find one example of something you or someone in your family or class does that has science hiding in plain sight. You can draw, or make a list, or use words to describe the activity or place you find science.*

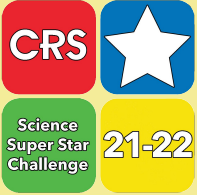
Examples:

I use science everyday in my school, community, and at home.

I see science when I wash my hands. It makes me wonder about why soap bubbles have colors, and how they take the dirt off of my hands.

I see science when my dad makes dinner. The carrots are crunchy when he cuts them up, but they are soft after he cooks them. I wonder how does that happen?





# Desafío de octubre: Búsqueda para la ciencia

## Tarea para estudiantes, año académico TK-2



***TK-2: Van a hacer una búsqueda de la ciencia! Encuentren 1 ejemplo de algo que ustedes o alguien en sus familias que tiene la ciencia que está escondida a la vista.***

***Pueden dibujar, escribir una lista, o usan palabras para describir la actividad o lugar adónde encuentran ciencia.***

Ejemplos:

Uso la ciencia todo los días en mi escuela, la comunidad, y en casa.

Veo la ciencia cuando lavo mis manos. Quiero saber por qué las burbujas tienen colores y como ellas quitan la mugre de mis manos.

Veo la ciencia cuando mi papá cocina la cena. Las zanahorias están crujientes cuando el las corta, pero ellas están suaves después de cocinarlas. Quiero saber la razón de eso.



# October Challenge: Science Scavenger Hunt

## STUDENT TASK, Grades 3-5



**STUDENT Prompt, Gr 3-5: Go on a science scavenger hunt! Find three (3) examples of where science is hiding in plain sight in your daily life at home, at school, or in the community. You can draw, or make a list, or use words to describe the activity or place you find science. Then, add one question for each one.**

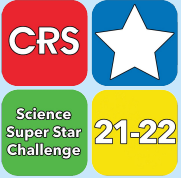
Prompts Options:

I use science everyday in my school, community, and at home.

I see science when I \_\_\_\_\_. It makes me wonder \_\_\_\_\_.

Another way I see science at home is when (person) \_\_\_\_\_ does/makes (activity) \_\_\_\_\_.

I see science in my school when \_\_\_\_\_. That makes me wonder about \_\_\_\_\_.



# Desafío de octubre: Búsqueda para la ciencia

## Tarea para estudiantes, año académico 3-5



***Van a hacer una búsqueda de la ciencia! Encuentren 3 ejemplos donde la ciencia está escondida a la vista en sus vidas diarias, en la casa, la escuela, o en la comunidad. Pueden dibujar, escribir una lista, o usan palabras para describir la actividad o lugar adónde encuentran ciencia. Después, añadan una pregunta para cada ejemplo abajo.***

Ejemplos:

Uso la ciencia todo los días en mi escuela, la comunidad, y en casa.

Veo la ciencia cuando yo \_\_\_\_\_. Quiero saber \_\_\_\_\_.

Una otra manera en que veo la ciencia en casa es cuando \_\_\_\_\_(alguien)\_\_\_\_\_hace\_\_\_\_\_.

Veo la ciencia en mi escuela cuando \_\_\_\_\_. Me pregunto si/quiero saber \_\_\_\_\_.



# October Challenge: Science Scavenger Hunt

## STUDENT TASK, Grades 3-5 EXAMPLE



**STUDENT Prompt, Gr 3-5: Go on a science scavenger hunt! Find three (3) examples of where science is hiding in plain sight in your daily life at home, at school, or in the community. You can draw, or make a list, or use words to describe the activity or place you find science. Then, add one question for each one.**

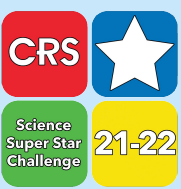
Example:

I use science everyday in my school, community, and at home.

I see science when I brush my teeth. It makes me wonder how the toothpaste is helping to protect my teeth from cavities.

Another way I see science at home is when my parent makes a cake. I wonder which ingredients help make it fluffy?

I see science in my school when we check the weather before going to recess. That makes me wonder about why the weather can be very different one day and the next.



# Desafío de octubre: Búsqueda para la ciencia

## Tarea para estudiantes, año académico 3-5



***Van a hacer una búsqueda de la ciencia! Encuentren 3 ejemplos donde la ciencia está escondida a la vista en sus vidas diarias, en la casa, la escuela, o en la comunidad. Pueden dibujar, escribir una lista, o usan palabras para describir la actividad o lugar adónde encuentran ciencia. Después, añadan una pregunta para cada ejemplo abajo.***

Ejemplos:

Uso la ciencia todo los días en mi escuela, la comunidad, y en casa.

Veo la ciencia cuando me cepillo los dientes. Me pregunto si la pasta de dientes está ayudando Proteger mis dientes de caries.

Una otra manera en que veo la ciencia en casa es cuando mis padres hornean pasteles. Quiero saber que ingredientes ayudan para hacerlos tan esponjosos.

Veo la ciencia en mi escuela cuando chequeamos el clima antes de irnos al recreo. Quiero saber por qué el clima está diferente entre un día y el otro.