

Grade 4 Resource Packet

Hello Students, Families, and Caregivers,

This resource packet includes a range of activities that students can work on at home independently or with family members or other adults. Some activities may require guidance from an adult to get started. Resources are categorized into 2 types:

- Independent Projects
 - These projects cover a range of different topics and skills. They may be spread out over multiple days.
- Enrichment Activities
 - These activities are organized into Read, Write, Move, Design, and Solve categories so that you can engage in many different ways while at home.
 - Some of these options are digital and require internet access.

You may work through these resources over multiple days and in any order.

Use the table of contents on this page to navigate through the packet.

Independent Projects	1
Project 1: Civic Action Project- Census 2020	1
Project 2: Elections	3
Project 3: Animal Survival Structures	7
Enrichment Activities	13
Digital Resources	13
Non-Digital Resources	13
Directions	13
Read	14
Write	16
Move	16
Design	18
Solve	20

Read

Write

Move

DESIGN

Solve

Independent Projects

Project 1: Civic Action Project- Census 2020	
Estimated Time	10 total hours
Caregiver Support Option	Adults can discuss texts with students and participate as interview subjects.
Materials Needed	Notebook or Journal
Question to Explore	How will you make sure everyone is counted in the 2020 Census?
Student Directions	In this activity you will learn about the US Census, why it is important, and come up with an action plan to make sure everyone is counted.

A census is a count of the people who live in a country. It also tells things about those people—their backgrounds, what they own, and how they live. Governments and businesses use censuses to guide important decisions. It is hard to count every person in a country! Through completing this activity, you will help us figure out how to make sure everyone is counted!

PHASE 1: What is the Census and why is it important?

Phase 1, Step 1: Read this information about the census and answer the reflection questions.
<p>Source A: What Is the Census from Britannica School</p> <ul style="list-style-type: none">• A census is a count of the people who live in a country. It also tells things about those people—their backgrounds, what they own, and how they live. Governments and businesses use censuses to guide important decisions.• Censuses are expensive and take a long time. Governments in many countries, including the United States, take a census only once every 10 years. Other countries take a census every five years.• Census workers use a combination of methods to try to reach every person. They mail question forms to homes. They also interview people face-to-face or over the phone. Most people have to answer only a few basic questions. But some people are asked for more information. The questions cover topics such as where the person lives, how old they are, whether or not they are married, and how many children they have.• The questions also ask about a person's job, religion, ethnic background, language, and education.• After the information has been collected, census workers sort and study it. They put the information into reports that show different characteristics of the population. For example,

census workers can report how many people live in rural areas compared to how many live in cities, or they might report the size of the average family in a particular state.

- The United States uses census results to make sure that different parts of the country are represented fairly in government. States with more people get to send more representatives to Congress. Governments also use census information as a guide for providing money and services. For example, a government might send more money for schools to areas that have a lot of children.
- Some businesses use census results to help sell products and services. They decide what kinds of things to sell in different places based on the kinds of people who live there. For example, a company might try to sell its most expensive cars in places where people make a lot of money

Reflection Questions: Answer these questions on a new sheet of paper.

- What do you know about the U.S. Census now that you didn't know before?
- How does the Census affect your life?

Phase 1, Step 2: Connect with and collect information from others.

Interview two or more family or community members by phone, email, or social media. Focus on different ages over 30 years old. Use the questions below and other questions you want to ask.

Sample questions for interviews:

- What is the U.S. Census?
- Have you ever completed the census? Why or why not?
- How will the census impact you or your family?

Reflection:

- What do you know now that you didn't know before?
- Did the responses from any of the people you interviewed surprise you? Why or why not?

PHASE 2: Plan and take action.

Phase 2, Step 1: Plan your action project.

Here you will take action to make sure everyone is counted in the Census! You will **create awareness** for what the Census is and why it is important, and get as many people as you can to complete the U.S. Census. Follow these steps to organize your work.

Step 1: Reflect on what you learned about the census and why it's important. Decide which information will be most important to share with other people.

Step 2: Identify **what** you want to say and **how** you want to say it. What could you say to this audience that will make them complete the Census?

Step 3: Next, choose the best way to reach people to make sure they complete the Census. A letter

or email? A tweet? A Tik Tok? Posters? Phone calls?

Step 4: Finally, design your **message**.

Step 5: Try it out! Can you convince someone in your home that it is important to respond to the Census?

Phase 2, Step 2: Reflect and share!

After completing your action, share with others what you learned about the census and why it's important to engage in civic life!

- What did you learn throughout the process?
- What did you learn about yourself and your community?
- Why should young people know about the census?
- Why should everyone complete the census?

Project 2: Elections

Estimated Time	10 hours
Caregiver Support Option	Adults can discuss texts with students and participate as interview subjects.
Materials Needed	Notebook or Journal
Question to Explore	How do we get people to vote?
Student Directions	Thank you for your commitment to our community! This guide is designed to help you take action for elections. Follow the directions for each phase to help you understand, investigate, reflect, and act to answer the question, "How do we get people to vote?"

***Printable Version - NOTE: if you have access to a digital device and internet, use this version instead:**
<http://bit.ly/elections4-5>

There is an important election in 2020! We will be voting for the U.S. President and Congress, as well as state and local offices. **EVERYONE** can have a real impact on the election - even those who can't vote! In this activity, you will learn about elections, why they are important, and how people vote. Then you will come up with an action plan to convince more people to vote!

PHASE 1: What is voting and why is it important?

Phase 1, Step 1: Explore what the elections are and why voting is important.

Watch the following videos: bit.ly/ELECTIONSVIDEO1 or bit.ly/ELECTIONSVIDEO2 or read Source A included in this packet below, and then answer the following questions in your journal:

- ☐ What do you know about elections and voting that you didn't know before?
- ☐ Have people you know, or people in your family ever voted? Why or why not?
- ☐ Why should people vote?

SOURCE A: U.S. Elections 2020: A Guide to the Race for the White House - The Guardian: adapted by NewsELA. Published 2/9/20.

On November 3, 2020, Americans will go to the polls and vote. Here's a quick guide to the election process.

What's the 2020 election all about? Voters are choosing who will be the president for the next four years. Can President Donald Trump win reelection? All eyes are on the Democrats. They are in the process of picking a candidate to take on Trump.

In 2016, Trump won a surprise victory over Democrat Hillary Clinton. The Republican Party won states that people thought would vote for Democrats. In 2020, however, the Democratic candidate will be different. The issues are different. And the electorate – the people allowed to vote – has changed, too.

There are other positions at stake. All 435 seats in the House of Representatives are up for election. Voters will also decide on 34 of the 100 seats in the U.S. Senate.

Who can vote? In 2020, more than 250 million Americans will be able to vote. This group of voters will be different than in 2016. They are younger. About 33 percent of them will be voters of color. Ten percent will be Generation Z. These are people between the ages of 18 and 23. People who can vote do not always go to the polls, though. In the 2016 race, about 42 percent of voters did not cast a ballot. But the 2018 midterm race was different. More people turned out then to vote for open seats in Congress.

What's about to happen? Currently, the Democrats need to choose a presidential nominee. More than 20 people announced they wanted to run. More women decided to run than in previous years. Several candidates have dropped out. Now it is down to about a dozen candidates.

Candidates discuss issues in public debates. They answer questions about their platforms and ideas. Often, candidates need to have high polling or fundraising numbers to attend. Candidates without enough support have to drop out.

What are the primaries? Primaries are elections within the party. They take place in all 50 states. Washington, D.C., and territories such as Puerto Rico also have primaries. Most states have primary elections. People cast votes at a polling place. Some can mail ballots or vote online.

Candidates want to get the most delegates. Delegates represent voters from their state. Some states give all of their delegates to one candidate. Other states split up their delegates between candidates.

What's a caucus? A handful of states hold caucuses. They hold these instead of primaries. These community meetings can last for hours. People speak in support of candidates. The meetings hold many votes. Finally, one candidate is named the winner.

Primaries and caucuses begin early in the year. The Iowa caucuses are held first. Primaries in New Hampshire and South Carolina follow. Then comes the caucuses in Nevada. Iowa held its caucuses on February 3, 2020. Then, on March 3, 13 states will vote in primaries. This day is called "Super Tuesday." Super Tuesday often decides who will get the nomination.

Then it'll finally be Election Day, right? Not even close! The campaign gets even more intense. Trump will go up against the Democratic Party's choice. The candidates decide where to campaign next. They decide what voters to target. They focus on getting their supporters excited. There will also be several TV debates.

Finally, November 3, 2020, will come around. Americans will cast their votes. The votes are added up. Then, the Electoral College makes the official decision.

How does the Electoral College work? The Electoral College is a voting system. It is the final step in choosing the president. All 50 states and Washington, D.C., participate. There are a total of 538 electoral votes. This number includes two Senate seats per state, or 100 in total. It also factors in the number of congressional districts in states (435 in total). Also, Washington, D.C., gets three votes. Districts are based on population counts. A candidate needs 270 votes to win.

One candidate might get more popular votes. But they still might lose the election. How? Most states do not split their electoral votes. All of their electoral votes go to one person. It is the candidate with more than half of the popular vote.

Trump won the Electoral College in 2016. Clinton won the popular vote. Trump won several key states. He received 304 electoral votes. Clinton received 227 electoral votes.

Phase 1, Step 2: Connect with and collect information from others.

Now, interview three or more family or community members by phone, email, or social media. Try to interview different people 18 or older who are different ages. Use the questions below, and other questions you want to ask.

Write down the responses to each question.

Sample questions for interviews:

- ☐ Did you vote in the last election?
- ☐ Do you plan to vote in the upcoming election?
- ☐ Why do you / do you not vote?
- ☐ What do you know about the upcoming elections?
- ☐ What do you know about the voting process?

Reflection:

- ☐ What do you know now that you didn't know before?
- ☐ Did the responses from any of the people you interviewed surprise you? Why or why not?
- ☐ What do you think about their answers? Are they the same or different?
- ☐ Do you think others have had similar or different experiences from those you interviewed?

Phase 1, Step 3: Explore How to Vote in Illinois

Read all of the rules about how people can vote in Illinois using the source below, then answer the following questions in your journal:

- ☐ In what ways is it easy for people to vote in Illinois?
- ☐ In what ways is it hard for people to vote in Illinois?
- ☐ Is it harder or easier to vote for some people?

SOURCE B: [Rock the Vote - Voter Rights in Illinois](#)

Pre-Registration: 17-year-olds who will be 18 by the next general election can pre-register to vote.

Same Day Registration: Illinois offers the opportunity to register to vote on Election Day. To register, voters must bring two pieces of identification: one must have their current address, and the other should be another form of ID.

Automatic Voter Registration: Automatic Voter Registration was passed in 2017, but the program has yet to be implemented.

If You've Moved: Illinois requires you to live in the state for at least 30 days before registering to vote.

Documentation Requirements: When submitting a voter registration application, no additional documents are required for your registration to be processed if you have a State ID or Social Security Number on file.

Voting Rights Restoration: Voting rights of convicted persons are restored upon one's release from incarceration. Returning citizens must re-register to vote after their rights are restored.

PHASE 2: Plan and take action.**Phase 2 Step 1: Build Your Action Plan**

Here you will take action to ensure your community gets out and votes! You will **create awareness** for the 2020 election and why it is important, and get as many people as you can to commit to voting. Follow these steps to organize your awareness campaign.

Step 1: Reflect on what you learned about voting and why it's important. Decide which information will be most important to share with other people.

Step 2: Identify **what** you want to say and **how** you want to say it. What could you say to this audience that will make sure they vote?

Step 3: Next, choose the best way to reach people to make sure they vote. A letter or email? A tweet? A Tik Tok? Posters? Phone calls?

Step 4: Finally, design your **message**.

Step 5: Try it out! Can you convince someone in your home that it is important to vote?

Phase 2, Step 2: Reflect and share!

After completing your action, share with others what you learned about voting and why it's important to engage in civic life!

- What did you learn throughout the process?
- What did you learn about yourself and your community?
- Why should young people be civically engaged?
- Why should everyone vote or encourage others to vote even if they can't?

Project 3: Animal Survival Structures

Estimated Time	2-3 days - 4 activities
Caregiver Support Option	Support is optional but recommended for Activity 2: What animals have you seen? when children take a walk and look for animals. The whole family can also be involved in Activity 4: Making your Own Animal and Extension Activity 2: Who Would Win?
Materials Needed	Pencil, paper, coloring utensils. Optional Materials: paint, art supplies
Question to Explore	What adaptations are important for survival?
Student Directions	Each activity has directions for you to follow.

Animal Survival Structures

We see animals around us every day. But how do they survive? What structures do they possess and adaptations do they have to help them? Complete this investigation to find out!

Activity 1: How do you survive?

Chicago is a city known for crazy weather! We have REALLY cold days and really warm days. How do you adapt?

On a separate sheet of paper, list how you dress, what you eat and drink, and what you do on the following types of days: a HOT summer day, a warm spring day, a chilly fall day, a FREEZING winter day.

Activity 2: What animals have you seen?

On a separate piece of paper, make a chart that looks like this:

Animal	How it survives
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Take a walk around your neighborhood. In your chart, list all of the animals you see. Also list any other animals you have seen or know about. Next to each animal, list how you think it survives. What does it need to eat? Does it have special features that help it survive?

Activity 3: Learning about Animal Adaptations

Read both of the articles below to learn about animal adaptations.

First, **read** "Freezing Days Lie ahead for Animals and Insects in Chicago." As you read, **circle** the special features that these animals have to survive in the cold.



Freezing days lie ahead for animals and insects in Chicago

By Chicago Tribune, adapted by Newsela staff on 02.01.19

Word Count **646**

Level **700L**

Chicago, Illinois, got very cold on January 29. The cold weather lasted for days. It could break a Chicago record. The previous low was 27 degrees below zero. The weather may be deadly for animals that live outdoors. Experts say that animals ranging from stray cats to stink bugs will probably escape lasting damage, though.

That's because animals have ways of surviving many kinds of bad weather. They go into trees or burrow beneath the ice. They find safety in houses where no one is living. Even if they do not make it, plenty of others will. Lots of new baby animals will be born once the weather improves.

Michael Jeffords is an entomologist. An entomologist studies insects. He said that Illinois' insects have been around for 10,000 years or more. If it was very cold for weeks and weeks they might be in trouble. They will probably be OK, though, he said. The very cold weather will not last too long.

Stray cats are among the animals in danger because of the cold. There are an estimated 200,000 of them in Chicago. Some are cared for by volunteers trained by animal shelters such as

PAWS Chicago.

Laurie Maxwell works for PAWS. She speaks to the community about PAWS' programs. She said cats are very good at staying safe. They find shelter under cars or garbage cans. They go inside empty buildings. During very cold weather, they save energy by finding a safe spot and remaining still.



Animal Populations Are Built To Survive

Even so, people who care for strays can help the animals' chances of survival. They can make sure they have food and water. They can provide shelter.

Other animals do not get that sort of special treatment. They're just as good at surviving bad weather, though.

Lawrence Heaney studies mammals at Chicago's Field Museum. He said animals that hide in the winter will be OK. Chipmunks have enough body fat and warm hiding places that allow them to survive the cold. Animals like deer, squirrels and coyotes are different, though. They usually move around a lot in winter. They could be in trouble, he said.

Some animals may die off. Heaney said the populations will quickly grow back once winter ends, though. Fewer deer, for example, means more food for those that remain. That gives their babies a better chance at survival.

The same is true with insect pests.

Jeffords said stink bugs often show up during warmer winters. They could be "knocked back" by the cold, he said. He expects their numbers to go back up quickly, though. Mosquitoes, meanwhile, protect themselves by spending the winter in sewers and steam tunnels.

Polar Bears Will Be Happy In The Cold

Some bigger animals might actually enjoy record-setting low temperatures.

The Lincoln Park Zoo and the Brookfield Zoo each have polar bears. Both zoos say they will allow their polar bears to remain outside during the worst of the cold. The bears are used to very cold weather. They can also choose to stay in heated spaces indoors, though.

Mike Murray works with the mammals at the Lincoln Park Zoo. The week's freeze won't be anything the polar bears can't handle, he said.

Bill Zeigler works for the Chicago Zoological Society. The group runs the Brookfield Zoo. Brookfield has animals such as snow leopards and bison that will have the chance to stay out in the cold, too. Other animals, such as kangaroos and wallabies, will not be allowed to go outside, Zeigler said.

Those animals have fur, but the cold could still be dangerous for them, Zeigler said. "We're just not going to be taking that chance."

Now, read to learn more about animal adaptations:

"An **adaptation** is a special skill. It helps an animal survive. Adaptations happen over a long time. It takes generations for a change to be made. For example, suppose the environment on an island changes. The birds on the island must eat seeds with a hard shell. This is the only food available. Birds with thin beaks will die. But birds with thicker beaks will survive. Their offspring will have thick beaks. And in the future, all birds born on the island will have thick beaks. The birds have adapted to their environment.

The most common reason animals adapt is to stay safe. Sometimes their color helps them blend in with their surroundings. Then predators do not see them. For example, a green insect can "hide" safely on a leaf. The color of a squirrel matches the bark on a tree. If it stays still, its enemies might not see it. A hare's fur changes from brown to white in the winter to blend in with the snow. This is called camouflage.

Animals also adapt physically. For example, the color of their fur may change. Other animals adapt behaviorally. For example, they may begin hunting in packs. Some adaptations take place in an animal's body. People cannot see these adaptations. For example, fish might live in a pond that is slightly polluted. Their bodies might adapt so they can survive. Animals that hunt at night may develop better vision. They may be able to see better at night."

"Adaptations." Kids InfoBits, Gale, a Cengage Company, 2020. Kids InfoBits,
<https://link.gale.com/apps/doc/MHBHBI408517058/ITKE?u=chic19020&sid=ITKE&xid=5be24412>.
Accessed 14 Mar. 2020.

After reading these articles, **answer these questions** on a separate sheet of paper:

1. How does the way that animals survive in the wild and at zoos/shelters change when the weather changes? What details from the text help you support your claim? Think about what you know about animal adaptations, then explain how the details support your claim.
2. How do the temperatures of different locations affect the animals that live in them? Consider how a polar bear might feel in Hawaii.
3. What adaptations do you have as a human?

Activity 4: Making Your Own Animal

You're going to invent your own animal! Use what you learned and follow the steps below.

Step 1: Describe your animal

First, you need to explain its habitat and how it meets its five basic needs. Complete the questions below to get you started. (You can also ask someone else to create an animal too so you can compare them later!)

My animal will be called: _____

My animal is found in (name the type of environment or specific place): _____

Type of Animal (reptile, fish, bird, mammal, insect): _____

Describe your animal's body parts (ie: long trunk, short legs, one fin, flat tail):

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My animal eats:	My animal lives in (what type of shelter?):
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How does your animal move around? _____

Who are your animal's predators? _____

What types of weather does your animal have to deal with? _____

Step 2: Describe the adaptations. Remember, an adaptation can be PHYSICAL (a part of the animal's body) or it can be BEHAVIORAL (something that the animal does). Try to include at least 6 adaptations in all.

What adaptations help your animal GATHER or EAT food?

What adaptations help your animal BREATHE?

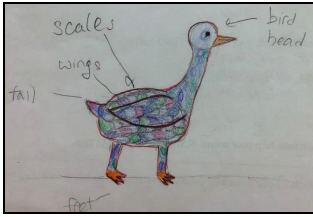
What adaptations help your animal DEFEND itself?

What adaptations help your animal SURVIVE in its CLIMATE?

Any other adaptations??

Step 3: Draw and label your animal. Now that you have brainstormed your animal's traits and adaptations, you are ready to create a drawing of your animal. Be sure to be VERY detailed with your sketch. Be sure to add in all the body parts that you planned for your animal! Draw and label your animal on a separate sheet of paper.

Example:



Katie McCarer, Liz George, Heather McLeod, Margaret Asadorian, and Kathleen Lorenzo:
Huckleberry Hill School

Extension Activity 1: Model of Your Animal

Use your drawing to create a model of your animal! Use materials from around your house.

Extension Activity 2: Who would win?

Have another family member or friend create an animal. Then compare their adaptations. If they met in the wild, who would win?

Enrichment Activities

Digital Resources

If you have access to the internet, please go to tinyurl.com/DigitalAtHome. This document contains links to multiple digital resources that you can use each day.

There are also more resources specific to grades 3-5 at tinyurl.com/CPSESEnrichment.

Non-Digital Resources

We've designed this section of the packet to provide students the opportunity to:

Read *Write* **Move** DESIGN **Solve**

Directions

1. Each day, pick at least one activity to complete from each category.
2. Keep track of your work on a separate sheet of paper or in a journal.
3. At the end of each day, write a journal entry answering the questions:
 - a. What was my favorite activity today? Why?
 - b. What is something new I learned today?
 - c. What are my goals for tomorrow?

Read

Read independently for at least 25 minutes per day. Then select 1-2 questions from the tables below to respond to or to discuss with a friend or family member. You can pick different questions everyday!

Questions about **stories**:

Describe a problem or conflict your character faced in this chapter. How would you solve it?	What lesson(s) do any of the characters learn? What do we, as readers, learn?	Get to know the main character. Analyze the main character through their words, thoughts, actions and conversations with others.	What are repeated themes in the text? Provide evidence to support your answer.	How does dialogue in the story move the plot along? Provide quotes from the text and explain.
How does the setting affect how the characters respond to conflict/conflicts in the story?	Pick three adjectives to describe one of the characters. Use examples from the text to support your choices.	What examples of figurative language are in the text? What meaning do they hold?	After the events at the end of the story, do you think the protagonist will behave differently? Why or why not?	Did the ending satisfy you? What changes would you make?
What are the protagonist's strengths and weaknesses?	What are major turning points in the story?	How does this story make you feel? Why?	Choose two characters in your story and compare and contrast them.	What is the main conflict (problem) in the book? How do the characters react?
Determine a character's perspective and how it affects the telling of the story.	Which minor character most influences the protagonist? Give an example and explain why?	When you visualize the setting of important scenes, what do the settings reveal about the characters?	How well did the author develop the characters? What did you like about them? What did you dislike?	What type of language is used to set the tone in your book? Provide evidence and explanations.

Questions about **informational texts**:

How does the author describe the setting of your book? What details are provided?	When you visualize something that is being described in your book, draw what you see based on the description given.	Give examples of when the author uses extreme or absolute language. (leaves no doubt)	Create a diagram of a descriptive paragraph provided in your book	Create an advertisement for your book. Why would other students want to read your book?
Analyze a photo or diagram in your book. What additional information do you learn about your topic	Write about an example of when the author writes about the topic and shares information that is different from what you know.	Pick three adjectives to describe one of the subjects/ topics. Use examples from the text to support your choices.	Analyze the cover of your book. What did the illustrator include and how does it represent the topic? Create an alternative cover for your book with an explanation of your changes.	Write a fictional story from the perspective of a real person or topic in your non-fiction text. Use information you learn about the person, animal, or thing to write the story.
Create a jingle or a poem for the topic of your book using the information you learned from the text.	Write about the information that is surprising, shocking or disappointing in your book. Explain why you have this reaction.	Complete a graphic organizer comparing or connecting two subjects/topics in your book.	Write a 2 paragraph book review about your book. Give reasons why the next person should read your book.	Create a storyboard for a movie trailer for a documentary about the topic of your book.

Vocabulary Four-Square: read a book, magazine, or newspaper article and find any words you don't know. Use a dictionary or ask an adult to find the definition for each word. Take out a piece of paper and draw a four-square for each word, writing the word in the center of your paper. In the top left-hand corner, write the definition (in your own words). In the top right-hand corner, write a sentence using the new word that you learned. In the bottom right-hand corner draw a picture that represents the word. In the bottom left-hand corner write a synonym of the word (a word that has the same meaning). Then write an antonym of the word (a word that has the opposite meaning).

Write

I Am Poem: Write a 3 stanza poem on a separate sheet of paper by completing each statement with your own ideas. When you are done, recite the poem for an audience. If you want to write another poem, interview someone and write an I Am Poem for them!

First Stanza: I am (2 special characteristics you have). I wonder (something of curiosity). I hear (an imaginary sound). I see (an imaginary sight). I want (an actual desire). I am (the first line of the poem repeated).

Second Stanza: I pretend (something you actually pretend to do). I feel (a feeling about something imaginary). I touch (an imaginary touch). I worry (something that bothers you). I cry (something that makes you sad). I am (the first line of the poem repeated).

Third Stanza: I understand (something that is true). I say (something you believe in). I dream (something you dream about). I try (something you really make an effort about). I hope (something you actually hope for). I am (the first line of the poem repeated)

Start a Writing Journal

Pick one idea to write about every day. Get creative! Write in paragraphs or write a poem. Add illustrations or diagrams. Go back to build on your writing over time as you think of new ideas.

1. What is your favorite holiday? Write the reasons for your choice.
2. What is the bravest thing you have ever done?
3. If you could be a superhero, what extraordinary powers would you give yourself? Explain your choices.
4. What is the one food you would least like to give up for the rest of your life? Explain why.
5. Would you rather be a dog or a cat? Write the reasons for your choice.
6. Who or what makes you laugh? Explain why you think this person or thing is funny.
7. Imagine that you drank a magic potion, and then suddenly you started to grow smaller and smaller. Finally, you were no larger than a fly. What would you do?
8. What is your most prized possession? Explain why it is so important to you.
9. What do you like most about yourself? What do you like least about yourself? Explain your answers.
10. Do you think you have a lot of self-confidence? Explain the reasons for your answer.

Move

Don't Let the Balloon Touch the Ground: Hit the balloon up in the air, but don't let it touch the ground. For an extra challenge, juggle more than one balloon or keep one hand behind your back. Ask someone to time you to see how long you can do it. If there is someone to play with, count how many times you can hit it back and forth. Then, see if you can beat your time or score! This game is great for improving arm strength and hand-eye coordination.

- **Materials Needed:** Balloons (Just a reminder that pieces of burst balloons can be a serious

choking hazard.)

Sticky Note Wall Bop: Ask an adult to help you with this activity! Attach twenty-six sticky notes to the back of a door and write a different letter on each one (in random order). Make a “start” line a few feet away from the door. Stand behind the start line with a soft ball, bean bag, stuffed animal, or pair of rolled-up socks. Ask the adult to call out a letter. Then toss your soft object at the post-it note with that letter. You get a point for each correct target you hit! For an extra challenge, ask the adult to call out a word for you to spell. Try to beat your last score each time you play. Don't forget to retrieve your object after each toss.

- **Materials Needed:** Sticky notes, soft-tossing object, paper and pencil for keeping score

Mirror Mirror: Find a partner to stand face to face with about two feet apart. Take turns making movements and copying each other! Reach up and stretch to the sky. Do ten jumping jacks. Run in place. Act like an animal. Make it fun and you'll both be working up a sweat in no time.

Obstacle Course: Ask an adult to help you make an obstacle course with items you have around the house. Make sure to create a course that includes a variety of motions (jumping, crawling, balancing, etc.) and uses a large area. You can make a different obstacle course every day so this never gets old!

- **Materials Needed:** Hula hoops to jump through, line of tape to balance on, couch cushions to hop between, table to crawl under, blanket over two chairs to crab walk through, tupperware containers to hurdle over, stuffed animals to roll over, plastic cups to run around.

Red Light, Green Light: Ask an adult to be your “traffic light.” Stand in one spot while the adult begins calling out colors. When you hear “red light,” you must stand still. When you hear “yellow light,” you must walk slowly in place. When you hear “green light,” you must jog in place. You can also come up with new colors and rules. Try Purple Light: Skip in place, Orange Light: Frog jumps, Blue Light: Bunny hops, Pink Light: Gallop like a horse or anything else you would like!

Physical Activity Calendar: Complete the daily activity on the calendar. After finishing the activity for today's date, pick any other activity you want and complete that too!

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 Mindful Minute For 60 seconds, clear your mind & only focus on your breathing. If your mind starts to wander, bring your attention back to your breathing. Self-Injury Awareness Day	2 Musical Frogs This game is just like musical chairs except players hop around like frogs and sit on lily pads (pillows).	3 Mindful Minute For 60 seconds, clear your mind & only focus on your breathing. If your mind starts to wander, bring your attention back to your breathing.	4 Walking Race Pick a distance and challenge a friend to a speed walking race. No running!	5 Sidewalk Chalk Balance Draw different kinds of lines on the ground with chalk. Walk along them one foot in front of the other balancing.	6 Bear Walk With your bottom in the air, step forward with your right hand & step forward with your left foot. Step forward with the left hand then the right foot. Continue to move across the room.	7 Wild Arms As fast as you can complete: 10 Arm Circles front & back 10 Forward punches 10 Raise the Roof's Repeat 3x
8 Sugarcane Pose Hold Sugarcane Pose for 30 seconds on each side. 	9 Limbo Grab a broom stick and have 2 people hold it. Take turns going under the stick arching backwards. Lower the stick after each successful pass. How low can you go?	10 Crazy 8's 8 jumping jacks 8 leaps 8 frog jumps 8 vertical jumps (as high as you can) Repeat 3 times	11 Between the Knees Gather rounded objects of varying size. Starting with the largest try walking around your house keeping the object between your knees.	12 Happy Baby Pose Straighten your legs for an added challenge. 	13 Toe Fencing With a partner, hold each other's shoulders. Try to tap the other person's toe without having yours tapped.	14 Chest Pass Practice your chest passes against a brick wall. Remember to step towards your target.
15 Put a piece of tape on the ground and jump back and forth as quick as you can for 30 seconds.	16 Mindful Minute For 60 seconds, clear your mind & only focus on your breathing. If your mind starts to wander, bring your attention back to your breathing.	17 Code Words While watching TV any time you hear the code words complete 10 jumping jacks. Code words: green, St. Patrick's Day, lucky, leprechaun	18 Mindful Minute For 60 seconds, clear your mind & only focus on your breathing. If your mind starts to wander, bring your attention back to your breathing.	19 Pretend! Pretend to: -Sit in a chair for 10 seconds -Shoot a basketball 10 times -Ride a horse -Be a frog -Lift a car	20 Commercial Stroll During a commercial break take a walk around your entire house. Still a commercial? Go again this time speed walking so you don't miss a thing!	21 Walking Race Pick a distance and challenge a friend to a speed walking race. No running!
22 Dance, Dance Put on your favorite song or turn on the radio. Dance however you like during the entire song!	23 Arm and Leg Tag A regular game of tag, but if someone touches your arm/leg you can no longer use that body part. If both legs are tagged start a new round.	24 Read & Move Pick a book to read and select an "action word" that will be repeated often. When the "action word" is read stand up and sit down.	25 Army Crawl Lay on your stomach resting on your forearms. Crawl across the room dragging your body as if you're moving under barbed wire.	26 Do this: -Hop on one leg 30 times, switch legs -Take 10 giant steps -Walk on your knees -Do a silly dance -Sprint for 10 seconds	27 Set the Menu Talk with who takes care of you about choosing the dinner menu. Pick whole grains and veggies.	28 Vertical Jump Jump as high as you can for 30 seconds. Repeat.
29 Ragdoll Pose Hold Ragdoll Pose for 30 seconds. Repeat. 	30 Crabby Clean Up Tidy up while walking like a crab! Carry items on your belly across the room to put them away.	31 Mindful Minute For 60 seconds, clear your mind & only focus on your breathing. If your mind starts to wander, bring your attention back to your breathing.	National Health Observances: <ul style="list-style-type: none"> National Nutrition Month 1st. Self-Injury Awareness Day 6th -7th National Day of Unplugging (sundown-to-sundown) 13th National Good Samaritan Day Yoga pictures from www.forteyoga.com		SHAPE America recommends school-age children accumulate at least 60 minutes and up to several hours of physical activity per day. Each bout of physical activity should be followed by cool-down stretches that help reduce soreness and avoid injury. Happy exercising!	

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<https://www.shapeamerica.org/publications/resources/teachingtools/teachertoolbox/activity-calendars.aspx>

DESIGN

Design a Solution: Find a few short articles. Identify a real-world problem in what you read and design a solution to address the problem. After drawing your design, look for items around the house that you can use to build a model of your solution. Then answer the following questions:

- What is the problem you are trying to solve?
- Who will your solution help?
- How will you convince others to use your solution?
- Share your solution with a family member or a trusted adult. Ask them for one suggestion on how to make your design even better.
- Revise your design and model by including the suggestion you were given.

Rube Goldberg Machine: Identify a simple task and use household items to design and build a multi-step machine to complete the task. Before building your machine, answer the following

questions:

- What task are you trying to solve? (Closing a door is a great task to start with, but you can choose anything!)
- What steps will you include in your machine? (Try to include at least 10!)
- What materials will you need?
- What will you do if your machine doesn't work at first?

Surrealist Drawing: Using a single piece of paper, fold it into three equal parts lengthwise. It should look like this when you unfold it:

Head
Torso
Legs

Re-fold the paper so you just see the top. Think of a creature or character you'd like to draw, but draw only their head and neck! Next, turn the paper so you only see the middle section, called "Torso." Think of a **new** creature or character and draw their torso. Now, turn the paper so you can only see the bottom section, called "Legs." Think of a **third** creature or character you'd like to draw and sketch their legs in this space. Once this round is complete, unfold the paper to see a unique creature that is a combination of all three of your ideas!

Musical Art: Gather paper and any art supplies (crayons, markers, paints), and a music source. Play any song and listen to the music. What do you see in your mind? What do you hear? What do you feel? Use your art supplies to express what you are seeing/hearing/feeling on paper. Repeat with two more songs. Trying to find songs that sound different from one another. After you finish, talk about (or write) about what you created. Do they look different based on what you heard? Develop titles for your artwork.

Paper Chains: Ask an adult to help you cut paper into two-inch lengthwise strips. Decorate/design your strips (see ideas below), and then tape/staple your strip into a loop. Create a paper chain by looping new strips through one another.

Pattern Chains: create a pattern by alternating different colors or designs

Appreciation Chains: draw one thing you appreciate on each strip

All About Me Chains: design each strip to tell the world something about you

Connection Chains: draw a picture on one strip. Think of another picture that connects with the first picture you drew. Draw that on the second strip and loop together. Think of a third picture that connects with the second picture you drew. Repeat.

City Planner: On the first day, draw a picture of a street you would want to live on. What would your house/apartment look like? What would you like to have on your street? On the second day, start adding other streets, to begin building out your city. What kind of stores will you need? Think about the things you like to do, and the places you like to go. Think about the things that people need. Ask other people what they would like to see in their city. Keep adding to your city day after day!

Water Music: Grab 4-5 glasses, and a pencil/pen. Fill one glass with any amount of water. Tap the side of the glass with your pen or pencil. Listen to the sound the glass makes. Pour water into a second glass to try to make a lower sound. Should you pour more or less water into the glass? Try it out? Fill up your glasses with different amounts of water and tap each side. You can now play a song with the different high and low tones!

Cereal Box Book Reports: Materials needed (paper, cereal box, tape/glue). You are going to cover/decorate a cereal box to celebrate your favorite book! Think of your favorite book. Take one piece of paper and invent a cereal that is related to your book (for example, if your favorite book is Harry Potter, your cereal might be "Wizard Wands"). Tape that piece of paper to the front of the box. Take another piece of paper for the back of the box. Design a game that relates to your book for the back of the box. Cut a piece of paper to go on the side of the box- write the names of the characters and the setting of the book to go on this side of the box. Cut another piece of paper to go on the other side of the box- write down the most important things that happened in the book on this piece of paper. Cut a piece of paper to go on the top of the box. Write a review of the book- why should another kid read this book?

Magic Paper: Did you know that just four pieces of paper and some tape are strong enough to hold up a stack of heavy books? Come up with a design plan using four pieces of paper and some tape to hold up heavy books so they don't touch the table. See how many books you can stack without the stack tipping over! Try different shapes and designs to see how high you can get your stack! (Hint: think "tubes").

Solve

Pepperoni Pizza: Roll two dice. The first roll tells you how many pizzas to draw. The second roll tells you how many pepperoni to put on each pizza. Then write a number sentence to help answer the question, "How many pepperonis in all?" For example, I roll a dice and get 4 so I draw 4 big pizzas. I roll again and I get 3 so I put three pepperonis on each pizza. Then I write $3 + 3 + 3 + 3 = 12$ or $4 \times 3 = 12$ and that tells me that there are 12 pepperonis in all. (See this task & others at youcubed.org/tasks)

1 to 10 Game: The object of the game is to get rid of all your cards. One player gets all the red cards, the other gets all the black cards.

Materials Needed: 2 dice, a deck of cards (face cards removed)

Directions:

1. Each player is dealt 10 cards.
2. Player 1 rolls the dice and finds the sum of the two numbers. Discard any set of cards in your hand that you can use to create that sum. (For example, if you rolled a 5 and a 3, you may discard any cards that make up $8 - 4 + 4$, $6 + 1 + 1$, $9 - 1$, $8 + 2 - 2$, etc.)
3. If you can't make the sum with your cards, you must draw one card.
4. Players take turns rolling and discarding cards.
5. First player to get rid of all his or her cards is the winner.

Multiplication Memory Game: The object of the game is to develop fluent recall of multiplication facts.

Materials Needed: a deck of cards (face cards removed; use the Ace as a 1)

Directions:

1. Lay out 3 rows with 6 cards in each row face down.
2. Player A flips over two cards and multiplies the values. If Player A is correct, he/she keeps the cards. If wrong, the cards are turned back over.
3. Player B takes his/her turn and repeats Step #2.
4. The player with the most cards at the end of the game wins.
5. The game is over when the face down cards have been used up. The players count the

number of pairs that they made, and the player with the largest number wins.

Problem Solver: Oh no! There is a Kindergarten class that needs some help! Can you help them solve their problems?

- **What a Mess!:** A kindergarten classroom is SO messy. Kids are leaving their things everywhere! Draw (or write) a poster to convince them to keep their classroom organized. Why should they stay organized? What are some things that the students can do to clean up?
- **Sharing:** There are kids in a kindergarten class who are not sharing with their classmates. Draw (or write) a poster to convince them to share. Why is it important to share? What are some things that the students can do to make sure they share with one another?
- **Learning:** There are kids in a kindergarten class who say they don't want to learn. Draw (or write) a poster to convince them to learn in class. Why is it important to learn? What are some things the students should do each day to make sure they are learning?

I'm the Greatest: (can be played with a partner). Write out the digits 0-9 on ten separate small slips of paper. On a large piece of paper write blanks for a 3 or 4-digit number (like this: ____ ____ ____). Put your small slips of paper into a container. Draw one slip of paper at a time, look at the digit on the small slip. Place that digit into one blank space trying to make the *greatest* number possible. But- once you write it down you cannot move it! Draw the remaining digits and fill out your blanks. If you think you created the greatest number yell out "I'm the Greatest!"

Improve Your World: Think about something you want to make better in your classroom, your community, or the world. Draw (or write) a picture that shows what this problem looks like, sounds like, feels like now. On a second piece of paper, draw (or write) what you want it to look like, sound like, feel like when it is better. Now think about how you would solve this problem.

- Do you need to work with other people? Draw or write a list of people you need to talk to. What questions do you want to ask them? What do you want to say to them?
- Do you need to invent or create something new? Draw or write some ideas about what you would make.