

Pretend C!ty Project Kit

Congratulations! You're going to Pretend C!ty! Use these project ideas to enrich your educational experience. Read through them before you go to make sure you understand the terms and concepts, and to help you determine if you want to expand upon any of them. **You'll find fun facts and printable worksheets at the end of this packet.**

a- elementary level activity b- middle school level activity c- high school level activity

Language Arts

There is so much to see at Pretend C!ty! Choose one of the exhibits that you'd like to explore deeper. Then complete one of the activities below:

- a. Imagine you are only 1 inch tall! Explore your favorite exhibit and talk about how it might look or feel if you were very small. Use your exploration to create a story and tell your story to others. You can even draw a picture for your story and write it down if you want!
- b. Imagine you were going to teach about your favorite exhibit to a class of students just like you! How would you get your students excited about it? What would you teach them? Write a short lesson plan and then find someone to give your lesson to. Don't forget to include questions to get your student(s) thinking!
- c. Imagine you lived 1000 years ago. If you saw your exhibit for the first time, what would you think? What would you try to do with it? Could you find a useful purpose for it? How could you use it to improve your life or the lives of others? Write a short essay about your ideas.

Materials required: Notebook, pen/pencil

Submission: A copy of your writings/drawing, and any pictures/videos

Teaching or learning notes:

Applied Math

How much money does Pretend C!ty make from visitors? They average \$12 per ticket sold. How many people come every day? There are several ways to estimate this: ask someone who works there, find out the area of the building and divide it into representative areas that you can count and multiply, or find the information on the internet. How much do they make in a day? In a month? In a year?

- a. Talk about the math and make verbal estimates with your teacher. Write down your math.
- b. Do the calculations on your own and write everything down. Talk about expenses and how those affect Pretend C!ty's profit.
- c. Do the calculations, write it down, and ask more questions to determine Pretend C!ty's estimated costs (don't forget staff, the building lease, utilities, etc.). Estimate gross and net incomes per day, month, and year. Run a hypothetical model to see how the numbers change if attendance or costs decline or increase.

Materials required: Notebook, pen/pencil, calculator or smartphone (optional)

Submission: Your calculations, estimations, and conclusions, and any pictures/videos

Teaching or learning notes:

Science

Take some time with one of your favorite exhibits to document the science. Science is needed in every facet of everyday life. Choose one exhibit to dive a little deeper.

- a. What kind of science is needed in your exhibit? Draw or write about your ideas.
- b. What kind of science is needed in the activity your exhibit depicts? How can scientists make that job easier or more efficient? Draw or write about your ideas.
- c. Design your own exhibit. Draw a picture or explain it in a short essay. Be sure to include the science needed to create your exhibit and the science needed to play with it.

Materials required: Notebook, pen/pencil

Submission: A copy of your drawings, diagrams, maps, or designs, and any pictures/videos

Teaching or learning notes:

Social Studies

Society needs many different roles to be filled in order to run smoothly. Look at all of the exhibits and determine how they fit together.

- a. Choose two exhibits and draw or write about how they are important to each other.
- b. Choose four exhibits and draw or write about how they are important to each other.
- c. Draw a diagram which includes all of the exhibits and links them based on shared importance or usefulness to each other. How do the many jobs and roles in society affect one another? Write about your findings.

Materials required: Notebook, pen/pencil

Submission: A copy of your writings/drawings, and any pictures/videos

Teaching or learning notes:

FUN FACTS

- Pretend City has had over one million guests since it opened.
- About 85% of the total weight of a human brain is the Cerebrum—the region of the brain responsible for motor control.
- A brain produces almost enough energy to light a bulb.
- Creating neural pathways and reshaping existing neurons is called neuroplasticity. This is the brain's way to become more efficient and faster at completing tasks.
- Sleeping at night is considered the most ideal time for the brain. It appears to enhance the connection between nerve cells in the brain. The brain process is believed to support the basis of memory and learning.
- Reading aloud or listening to a story being told is one of the most “cerebrally” engaging experiences a kid can have. Watching TV for 15,000 hours only generates about 30 minutes of brain activity. However, with reading aloud, it fires up children's brains because they have to use their imagination. This activity stimulates the electricity in the brain, promoting brain development by strengthening brain pathways.
- When brain fog starts rolling in, try a moderate amount of aerobic exercise to try and clear it up. Rhode Island College scientists noted that the two hours after engaging in such rigorous physical activity proved some of the most mentally fertile in a 2005 study.

Pretend City

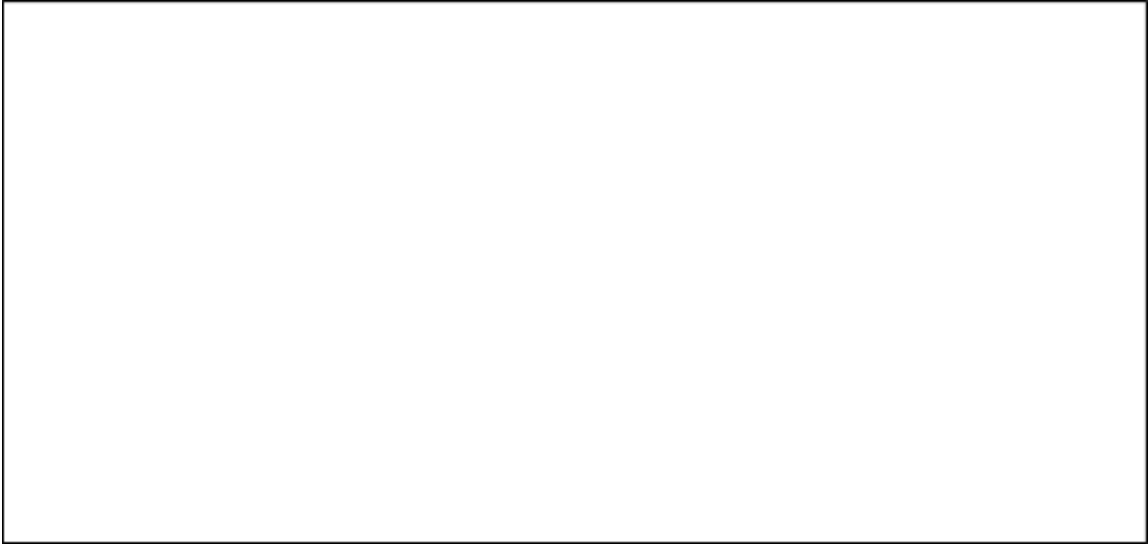
1. Draw a picture of your favorite exhibit.



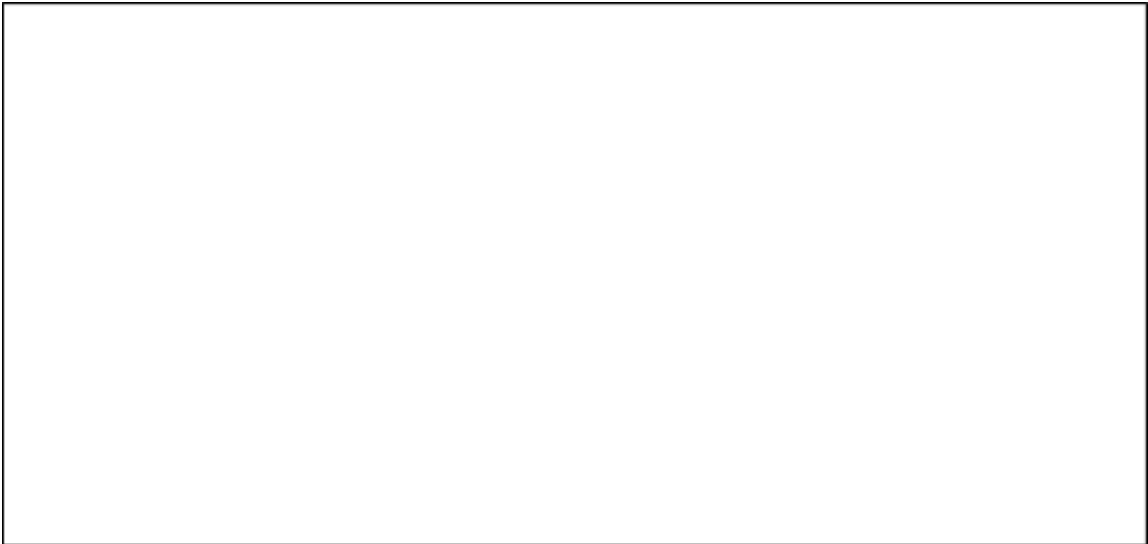
2. Describe your favorite exhibit and why you love it.

3. What is one thing you learned about being a good citizen?

4. Draw or describe something fun you saw.



5. Describe or draw something important you saw.



6. What is the difference their grocery store and the real one?

BONUS:

Pretend City Scavenger Hunt!

- Something that flies _____
- Something that spins _____
- Something with 5 colors _____
- Something tiny _____
- Something huge _____
- Something fast _____
- Something fun _____
- Something real _____
- Something cold _____
- Something that helps the earth _____
- Something you can build _____

