

**ELEMENTARY – GRADE 6**  
**Week of April 13<sup>th</sup> 2020**

# What is Friendship?

## Information for students

- Go to [https://www.youtube.com/watch?v=x2FoGf\\_Fx0](https://www.youtube.com/watch?v=x2FoGf_Fx0) to find the read aloud of the book *Enemy Pie* by Derek Munson. Turn on closed captioning while you watch.
- What can we learn about friendship from this story? Why does the main character declare Jeremy his enemy right from the start? What changes his mind? Talk about the book with someone else.
- Go to <https://wonderopolis.org/wonder/what-does-it-mean-to-be-a-good-friend> to read the article “What Does it Mean to Be a Good Friend?” To hear the article read out loud hit the “Listen” button under the title.
- The article talks about the qualities of a good friend. Brainstorm your own list of what it takes to be a good friend. Does that list change because we aren’t in school right now and you don’t see your friends every day? Add to your list ways to be a good friend while practising social distancing.
- Write a letter to a good friend (on the computer or on paper). Tell them why they are important to you and why you miss them. Describe why you think they are a good friend and remind them that you are thinking about them. If you are comfortable sharing the letter with them, you can email it (if you wrote on paper you could take a picture of it and send that) or call them and read it to them.
- Connect with your friends, text them, phone them, email them, video call them. Create an activity to do with your friend while staying apart (bake cookies at the same time in a video call, challenge each other to a push-up contest, read the same book and talk about it).
- Dig deeper into the story, the start of the book really hooks the reader. Go back to the video and listen to the first page again. A hook is a way of beginning a story so that it really grabs the reader’s attention. Consider how the author of *Enemy Pie* really hooks the reader. What are some other ways you have seen writers “hook” the reader in? Try it yourself, rewrite the start of *Enemy Pie* or write the beginning to a story of your own, how will you get your reader to keep reading?
- Don’t forget, when writing you can use Google Voice Typing, doodles, drawings, or video to record your ideas.

## Materials required

- Device with Internet access
- Paper, writing and drawing materials

## Information for parents

- Review the instructions with your child, if necessary.
- Listen to your child tell you about the story.
- Should you not have access to technology or the Internet, simply have your child begin at the fourth bullet point, brainstorming a list of qualities of a good friend.

# What is the number?

## Information for students

- Cut the “Find the number cards”
- Spread out the cards face-up on a table or the floor.
- Choose a card and read its question.
- Find a card with a matching answer, place this card next to the first card, and read the question on this second card. Find the matching answer
- Continue to read the questions and find answers.
- Organize the cards in a circle so that each question is followed with a correct answer.
- Each card must be included.

The goal is to place the cards so that the number identified on each card answers the question on the card before it.

## Materials required

Please list and describe the materials required

- 1 deck of *Find the number* cards (See Appendix)
- A pair of scissors
- Scrap paper to workout questions
- Calculator to check answers (optional)

## Information for parents

### Activity details

The goal of this activity is to place the cards so that the number identified on each card answers the question on the card before it.

For this activity, parents can print the “Find the number” cards with the instructions for the child. The child must cut out the cards and place them face-up on a table or the floor and then follow the instructions in the section titled information for students.

Allow children to use paper, pencil and multiplication tables to do their calculations. Students can check their answers with a calculator or with an adult.

<p>The number is <b>1</b></p> <p>What number is 250 tens + 3 ones?</p>	<p>The number is <b>1 715</b></p> <p>What number is the smallest prime number?</p>	<p>The number is <b>557 345</b></p> <p>What number is between 70 tens and 80 tens?</p>	<p>The number is <b>0.64</b></p> <p>What number is represented when you breakdown 81 as a product of prime numbers?</p>
<p>The number is <b>Fifteen thousand seven hundred</b></p> <p>What number is between 10 000 and 14 000?</p>	<p>The number is <b>64</b></p> <p>What number is greater than 350 thousand but less than 500 thousand?</p>	<p>The number is <b>3 402.03</b></p> <p>What number is <math>3\,000 + 400 + 20 + \frac{3}{10}</math> ? <math>4^3</math>?</p>	<p>The number is <b>40 276</b></p> <p>What number is</p>
<p>The number is <b>742</b></p> <p>What number is 64 hundredths?</p>	<p>The number is <b>405 786</b></p> <p>What number is 17 hundreds + 15 ones?</p>	<p>The number is <b>2 503</b></p> <p>What number is <math>50\,000 + 700 + 3</math>?</p>	<p>The number is <b>25 000</b></p> <p>What number is 63 thousands + 25 hundreds + 18 ones?</p>
<p>The number is <b>50 703</b></p> <p>What number is <math>4 \times 10^4 + 2 \times 10^2 + 7</math> <math>\times 10^1 + 6 \times 10^0</math>?</p>	<p>The number is <b>13 700</b></p> <p>What number is 25 499 rounded to the nearest thousand?</p>	<p>The number is <b>65 518</b></p> <p>What number is greater than half a million?</p>	<p>The number is <b>490</b></p> <p>What number is one more than 15 699?</p>
<p>The number is <b>2</b></p> <p>What number is <math>100 \times 5 - 2 \times 5</math>?</p>	<p>The number is <b>7 442</b></p> <p>What number is <math>10^0</math>?</p>	<p>The number is <b><math>3^4</math></b></p> <p>What number is three thousand four hundred two and three hundredths?</p>	<p>The number is <b>3 420.3</b></p> <p>What number is 74 hundreds + 42 ones?</p>

# Inquiry into Pollution

## Information for students

- Human activity has advantages and disadvantages. One negative side effect is pollution. Make a list of the ways a household can pollute.
- You can use the link below or other sources to research:
  - What are “greenhouse gases”?
  - How does air pollution affect people and animals?
  - Link: <https://climate.nasa.gov/vital-signs/carbon-dioxide/>
- If everyone in the world stayed home for 2 months, what do you think would happen to:
  - Air pollution? Explain.
  - Land pollution? Explain.
  - Water pollution? Explain.
  - Animal wildlife near cities? Explain.
- Over the course of the next few weeks, observe the following in your neighbourhood:
  - How much garbage do you see in the streets or parks? Can you graph the amount of garbage you see over time?
  - How many animals can you spot? Can you graph the number of animals you see over time?
- Explain why you may be seeing more animals in your neighbourhood these days. Justify your claims with evidence. Here are some sentence starters to help you begin:
  - I think \_\_\_\_\_ has something to do with \_\_\_\_\_ because \_\_\_\_\_
  - I think \_\_\_\_\_ causes \_\_\_\_\_ to happen because \_\_\_\_\_.
  - The reason I expect to see this [what I’m seeing] is because [give a cause and effect explanation].
- From your research, what can you tell families who would like to pollute less. Make a list of as many recommendations as possible. If allowed, you may share your list on social media using hashtag #ScienceAtHomeQC-g6.
- (Optional) You can watch the video using the link below to make a compost in your backyard:
  - <https://www.youtube.com/watch?v=Q5s4n9r-JGU>

### Materials required

- paper, writing and drawing materials
- food waste, dirt and space in the yard (ask a parent if you can compost)
- (optional) device with Internet access

### Information for parents

- If possible help your child make a compost heap. (optional video explanation <https://www.youtube.com/watch?v=M1kIpCBD3UI>)
  - Read the instructions to your child, if necessary.
  - Discuss the questions together.
  - (optional) Help your child find the links to the videos.
- (optional video explanation <https://www.youtube.com/watch?v=kdDSRRCKMil>).

Note: vocabulary in this video may not be at grade 6 level).

# Toss a Coin Workout

## Instructions for students

- Toss a coin and see what side it lands on.
- If it lands on “heads,” do the exercise listed for “heads” for that toss.
- If it lands on “tails,” do the exercise listed for “tails” for that toss.
- Toss the coin eight time to complete your workout.
- Make sure you look at the chart below to see which exercises you need to do.
- Don’t forget to drink some water and to be careful.
- You can take a break at any time!

## Materials required

- A coin for tossing
- The Toss a Coin Workout Chart below
- A timer, if available (otherwise you can count the seconds out loud)



## Information for parents

- Your child will need a clear space to do these exercises.
- Read the instructions and explain the activity to your child, if necessary. For example, show your child which side of the coin is “heads” and which side “tails.”
- Please remind your child to take breaks in between the exercises if they feel tired.



# Toss a Coin Workout Chart

Use this chart to know which exercises you need to do, based on the side the coin landed on.  
REMEMBER: You can take a break at any time.

	<b>If it lands on “heads,”</b>  <b>do this:</b>	<b>If it lands on “tails,”</b>  <b>do this:</b>
<b>1st toss</b>	Jog in place for 1 minute	Do 30 jumping jacks
<b>2nd toss</b>	Do 20 sit-ups	Do 10 push-ups
<b>3rd toss</b>	Do 20 squats	Do walking lunges from one side of the room to the other (touch the wall)
<b>4th toss</b>	Do 30 jumping jacks	Jog in place for 1 minute
<b>5th toss</b>	Do the plank for 20 seconds	Do 20 squats
<b>6th toss</b>	Do 10 push-ups	Do 20 sit-ups
<b>7th toss</b>	Do walking lunges from one side of the room to the other (touch the wall)	Do 30 jumping jacks
<b>8th toss</b>	Jog in place for 1 minute	Do the plank for 20 seconds

## CHALLENGE:

Do the Toss a Coin Workout three times this week!

YOU CAN DO IT! 😊

Coin images taken from: [https://www.coincommunity.com/forum/uploaded/ChildOfTheWheat/20151230\\_220px-Quarter\\_Obverse\\_2010.png](https://www.coincommunity.com/forum/uploaded/ChildOfTheWheat/20151230_220px-Quarter_Obverse_2010.png)