



At Home Learning Resources

Grade 5 - Week 3

**LOWELL
PUBLIC SCHOOLS**

Grab and Go Meals

*Available for Lowell Public Schools Students
on Weekdays While School is Closed*

Bartlett (11-11:30am) 79 Wannalancit St.	Moody (12-12:30pm) 158 Rogers St.
Butler (12:45-1:30pm) 1140 Gorham St.	Murkland (12:45-1:15pm) 350 Adams St.
Greenhalge (10:30-11am) 149 Ennell St.	Pawtucketville (12-12:30pm) 425 West Meadow Rd.
Lincoln (1:30-2pm) 300 Chelmsford St.	Robinson (11:15-11:45am) 110 June St.

STEM Academy (Rogers)*
10:30am-1 pm
43 Highland St.

*STEM meal service will
be available at back door
at the kitchen loading
dock area off South St.

ELA Grades 5-8 At Home Learning Choices

Weeks 2 & 3

You can continue the reading, writing, and vocabulary work from Week 1 OR continue online learning using tools like iReady, Lexia, Scholastic Learn OR complete the “Choose Your Own Adventure” Learning

“Choose Your Own Adventure”

This is a two week English Language Arts and Literacy exploration. Students will choose between 4 different options to pursue. Each option still requires daily reading. The goal of the project is to honor student growth and increase their learning with a project of their choice. There are different levels of independence, as well as choices for how to share their learning. (This work is borrowed from educator Pernille Ripp). Enjoy!

So what are the choices?

Choice	To Do
Choice 1: The Independent Reading Adventure On this adventure, you will use a self-chosen fiction chapter book to show your reading analysis skills. Read and either write or record your answers to questions that show your deeper understanding of the text.	See instructions below for “The Independent Reading Adventure”
Choice 2: The Picture Book Read Aloud Adventure On this adventure, you will listen to a picture book being read aloud every day by lots of wonderful people. Then you will write or record a response to a specific question every day.	See instructions below for “The Picture Book Read Aloud Adventure”
Choice 3: The Inquiry Project Adventure Ever wanted a chance to pursue a major topic of interest for yourself? Now is the chance. Craft a learning plan, learn more about your topic, and then showcase your learning when you return to school or virtually.	See instructions below for “The Inquiry Project Adventure”
Choice 4: The Creative Writing Adventure Want a chance to explore creative writing? Decide how you want to grow as a writer, and then start writing. Write each day and be ready to share some of your great work when you return to school or virtually.	See instructions below for “The Creative Writing Adventure”

Choice 1: The Independent Reading Adventure

On this adventure, you will use a self-chosen fiction chapter book to show your reading analysis skills. Read and either write or record your answers to questions that show your deeper understanding of the text.

Connect Four boxes vertically, horizontally, or diagonally. The four boxes you choose must be included in your recorded or written response.

Choose Your Own Adventure - The Independent Reading Adventure

A one-pager is an analytical, creative, and written response to a novel that completely fills one side of a piece of paper. For your one-pager, you'll want to focus on the big ideas from the novel including theme, symbolism, and character change.

Book: Grab a chapter book to do this, if you do not have one at your house you can use Audible to listen to one or Epic Books or Libby/Overdrive.

Choice in completion:

You can either type this out in a document: Google Doc, Word, Etc. OR record this in a video or audio-only format.

Details for Written Response

- Write a healthy response for each section that requires a written answer, meaning a long paragraph - not only five sentences.
- Clearly label each element of your one-pager.
- Include the title, author, genre of your book on the paper.
- Choose 4 elements to complete from the grid that are connected - they can be connected vertically, diagonally, or horizontally.
- Do this by hand by printing it out or take a picture of it.

Required Details for Recorded Response

- Brainstorm what you want to say before you record.
- Make sure you name the book and the author in your recording.
- Start each section by saying the question you are answering.
- Make sure your response answers the questions fully.
- Choose 4 elements to complete from the grid that are connected - they can be connected vertically, diagonally, or horizontally.

Connect four boxes vertically, horizontally, or diagonally to select your other four required elements.

<p>Quotes: Copy down 3 meaningful quotes from the book and explain the significance of each quote. What does it infer, symbolize, suggest, relate to, etc.?</p>	<p>Character changes: How does your main character start out and how do they change throughout the story? Answer thoroughly using evidence to back up your thoughts. Add two images that symbolize your character.</p>	<p>Setting: Draw or describe a background that shows knowledge of the setting of one or more important scenes for the characters, add one symbol at least from the story - write what it symbolizes next to it.</p>	<p>Song: Find song lyrics that connect. Write the lyrics, including the song, artist, and a 2-3 sentence explanation of how the song related to the book.</p>
<p>Setting: Draw or describe a background that shows knowledge of the setting of one or more important scenes for the characters, add one symbol at least from the story - write what it symbolizes next to it.</p>	<p>Timeline: Create a timeline with 10 critical events in the book. The timeline must be linear or follow the plot diagram. Each event must be a complete sentence.</p>	<p>Quotes: Copy down 3 meaningful quotes from the book and explain the significance of each quote. What does it infer, symbolize, suggest, relate to, etc.?</p>	<p>Character changes: How does your main character start out and how do they change throughout the story? Answer thoroughly using evidence to back up your thoughts. Add two images that symbolize your character.</p>
<p>Lessons learned: Add images and/or words to show lessons your main character learns throughout the book. Write about what the lessons teach them. Does this teach you any lessons?</p>	<p>Setting: Draw or describe a background that shows knowledge of the setting of one or more important scenes for the characters, add one symbol at least from the story - write what it symbolizes next to it.</p>	<p>Character changes: How does your main character start out and how do they change throughout the story? Answer thoroughly using evidence to back up your thoughts. Add two images that symbolize your character.</p>	<p>Quotes: Copy down 3 meaningful quotes from the book and explain the significance of each quote. What does it infer, symbolize, suggest, relate to, etc.?</p>
<p>Character changes: How does your main character start out and how do they change throughout the story? Answer thoroughly using evidence to back up your thoughts. Add two images that symbolize your character.</p>	<p>Quotes: Copy down 3 meaningful quotes from the book and explain the significance of each quote. What does it infer, symbolize, suggest, relate to, etc.?</p>	<p>Theme: What is the theme statement of your book and how do you know? Answer thoroughly using evidence to back up your thoughts. Add an image that symbolizes the theme</p>	<p>Setting: Draw or describe a background that shows knowledge of the setting of one or more important scenes for the characters, add one symbol at least from the story - write what it symbolizes next to it.</p>

Choice 2: The Picture Book Read Aloud Adventure

On this adventure, you will listen to a picture book being read aloud every day by lots of wonderful people. Then you will write or record a response to a specific question every day.

Choose Your Own Adventure - Picture Book Read Alouds and Analysis

Love picture books being read aloud? Me too! Here is your chance to listen to a different picture book being read aloud every day and analyze the book using the question asked each day.

Project requirement:

- Watch the video posted for each day in the table below.
- Respond either in writing or by posting a recording of your answer.

Choice in completion:

You can either type this out in a document: Google Doc, Word, etc. OR record this in a video or audio-only format

Details for Written Response

- Write a healthy response for each question meaning a long paragraph - not only five sentences.
- You should use evidence from the read aloud to support your analysis. You can use either a quote (stop the video to write it down) or refer to a specific section of the picture book.
- Include the title of your book on the paper.

Details for Recorded Response

- Brainstorm what you want to say before you record.
- Make sure you name the book and the author in your recording.
- Start each recording by saying the question you are answering.
- Make sure your response answers the questions fully.

Day	Title of Picture Book	Video link	Questions to discuss
Day 1	A Tale of Two Beasts	https://www.storylineonline.net/books/tale-of-two-beasts/	In the picture book, we see two very different versions of the same story. Why did the girl believe her version of the story was the right one? What does this remind you of in your own life?
Day 2	Each Kindness	https://www.youtube.com/watch?v=kj7Oc0ZoOjM	What is the theme of <u>Each Kindness</u> ? How do you know?

Day 3	The Heart and the Bottle	https://www.youtube.com/watch?v=8FSuy-J_Pzk	What does placing her heart in a bottle symbolize? How do you know?
Day 4	The Bad Seed	https://www.youtube.com/watch?v=ugsGoiz-ufg&list=PLiYzMwyBPG96EDjv7MAohaCnXoQnqiBmG&index=20&t=0s	In the book, the people who surround our main character see a certain way - how do you think the perception of others influences him and his actions? How do you connect to this story?
Day 5	We are Water Protectors	https://youtu.be/N-zPU4iSpc0 AND https://bioneers.org/the-native-american-prophecy-of-the-black-snake/	What is the black snake that is poisoning the water, plants, animals, and land? Discuss how and why the Black Snake is used as a symbol of destruction throughout the book.
Day 6	Pride: The Story of Harvey Milk and the Rainbow Flag	https://www.readbrightly.com/brightly-storytime-pride/	The Rainbow Flag has been used as a symbol of hope since 1978. Why are symbols such as flags often used in movements, how can symbols pull us together around a cause?
Day 7	Wolfie the Bunny	https://www.youtube.com/watch?v=BiU0Z9P2E4s	What did Dot use as evidence for her perception of Wolfie? How did her perception influence how she viewed Wolfie? How does this tie in with your own life?
Day 8	On the Day You Begin	https://www.readbrightly.com/brightly-storytime-the-day-you-begin/	How does our main character change throughout the story? How do you know? How does this story connect with your own life?
Day 9	The True Story of The Three Little Pigs	https://www.youtube.com/watch?v=1Q01X8JU3GU	How does hearing the perspective from the Wolf show us what we have missed? What happens to our understanding of the world when we only believe or see one side of the story?
Day 10	Your Choice	Visit the LPS Virtual Read Aloud Page and choose a book to listen to. https://www.youtube.com/channel/UCMIqoXopDU-6yfq5pJIPRtg	What did the author want you to learn? What language stood out to you? How does the main character change throughout the story? How do you know?

Choice 3: The Inquiry Project Adventure

Ever wanted a chance to pursue a major topic of interest for yourself? Now is the chance. Craft a learning plan, learn more about your topic, and then showcase your learning when you return to school or virtually.

Choose Your Own Adventure - Inquiry Project

Passionate or curious about something? Now is the chance. Craft a learning plan, learn more about your topic, and then showcase your learning when you return to school or virtually.

Project Requirements:

- Identify an inquiry question you want to pursue (something you want to learn more about) - remember inquiry questions are not straight “Googleable,” they will need learning from many sources or experiences to answer.
- Fill in the learning plan to show what you will be learning and how you will challenge yourself.
- Do the learning on your own or with your family.
- Create a product to showcase your learning - you have many choices of what to create.

Independence Expectations:

- This is a project that will require a lot of discipline and focus. You are not creating a day-to-day project, so you are expected to produce a larger final product to share your learning.
- The inquiry question you choose to pursue can be one that you already know something about or one that you know very little about.
- There should be NEW learning throughout, not just a summary of what you already know.

Details for End Product

- Your end product can take many forms: A podcast, a story, a presentation, a speech, a stop motion animation, a PSA, or something else you imagine.
- Your end product should showcase new learning for you, as well as be accessible to your intended audience - your peers.
- Your end product should have citations of any information you have used.
- Your end product should take at least 5 minutes for an average peer to either listen to or explore.

Day	What is your plan for learning for this day?
Day 1	
Day 2	
Day 3	
Day 4	
Day 5	
Day 6	
Day 7	
Day 8	
Day 9	
Day 10	

What is your inquiry question?

How much do you already know about this topic?

_____ Very little

_____ Average amount - I know some stuff but not anything in-depth

_____ A lot - I have done inquiry into this

_____ Expert level (how will you challenge yourself then)

How will this project challenge you?

What types of resources do you plan on using?

How will you know you have successfully learned something?

What do you plan on creating to show off your newfound knowledge? What is your end project idea?

Choice 4: The Creative Writing Adventure

Want a chance to explore creative writing? Decide how you want to grow as a writer, and then start writing. Write each day and be ready to share some of your great work when you return to school or virtually.

Choose Your Own Adventure- Creative Writing

Have a story to tell? Here is your chance to use dedicated time to pursue your own writing craft and put some of those sweet writing moves you have been working on into action.

Project requirement:

- Identify your areas of strength as a writer - what do you already do well in writing?
- Identify areas of growth in writing for yourself - how will this project challenge you?
- Produce two or more pages each day in the writing form you choose - narrative, informational, opinion or argument, essay, poem, song, graphic novel

Independence expectations:

- This is a project that will require a lot of discipline and focus. You are not creating a day-to-day project, so you are expected to produce a larger final product to share your learning.
- The creative writing project you choose to pursue can be one that you already know something about or one that you know very little about.
- There should be NEW learning throughout, not just a summary of what you already know.

Day-by-Day Breakdown

Day	What is your plan for learning for this day?
Day 1	
Day 2	
Day 3	
Day 4	
Day 5	
Day 6	
Day 7	
Day 8	
Day 9	
Day 10	

How solid of a writer are you already?

- On shaky ground, I have a lot of growth to do
- Fairly average
- Pretty good
- Expert level (how will you challenge yourself then?)

How will this project challenge you?

What types of specific writing lessons do you want to focus on:

- Finding ideas of what to write about
- Expanding and strengthening your original idea
- Fully developing a plot
- Adding descriptive details to help your reader visualize
- Creating worthwhile characters
- Manipulating time to move your story along
- Adding dialogue to add interest
- Making it have a turning point or some sort of climax
- Adding details
- Cutting out details
- Making it make sense
- Spelling
- Punctuation
- Other:
- Other:

How will you know you have successfully learned applicable writing skills?

Adding Decimals

Name: _____

**Circle all the problems with sums less than 5.
Then find the exact sums of only the problems you circled.**

1 $0.24 + 4.25$

2 $4.8 + 0.16$

3 $2.31 + 2.075$

4 $2.31 + 2.7$

5 $0.909 + 4.09$

6 $3.99 + 1.109$

7 $2.675 + 2.325$

8 $3.775 + 0.225$

9 $2.06 + 2.933$

10 $2.6 + 2.933$

11 $1.809 + 3.091$

12 $3.01 + 1.991$

13 $1.83 + 3.1 + 0.1$

14 $0.012 + 3.79 + 1.101$

15 $2.6 + 2.04 + 0.099$

16 What strategies did you use to solve the problems?

Subtracting Decimals to Hundredths

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $7.5 - 1.2$

2 $10.75 - 4.13$

3 $20.2 - 14.8$

4 $6.12 - 0.7$

5 $41.5 - 33.25$

6 $15.9 - 8.92$

7 $105.53 - 99.28$

8 $9.46 - 3.68$

9 $74 - 65.9$

10 $5.05 - 0.56$

11 $31.27 - 23.67$

12 $256.4 - 248.38$

13 $12 - 4.39$

14 $1,280.01 - 1,272.77$

15 $500.2 - 494.94$

Answers

6.25

5.26

6.62

8.1

7.6

4.49

8.25

7.61

6.98

5.42

7.24

5.4

8.02

5.78

6.3

Solve the problems.

- 1** Lori needs at least 12 liters of water to fill a water cooler. She has a container with 4.55 liters of water, a container with 3.25 liters of water, and a container with 4.85 liters of water. Does she have enough water? Use estimation only to decide. Explain why you are confident in your estimate.

- 2** Nia wants the total weight of her luggage to be no more than 50 kilograms. She has three suitcases that weigh 15.8 kilograms, 17.42 kilograms, and 16.28 kilograms. Is the total weight within the limit? Use only estimation to decide. Explain how you know your estimate gives you the correct answer.

- 3** Omar measures one machine part with length 4.392 centimeters and another part with length 6.82 centimeters. What is the difference in length? Use estimation to check your answer for reasonableness.

- 4** Kyle wants to buy a hat for \$5.75, a T-shirt for \$7.65, and a keychain for \$3.15. He has \$16. Does he have enough money? Use estimation only to decide. Explain why you are confident in your estimate.
- 5** For his hiking club, Ricardo is making a container of trail mix with 3.5 kilograms of nuts. He has 1.78 kilograms of peanuts and 0.625 kilograms of almonds. The rest of the nuts will be cashews. How many kilograms of cashews does he need? Use estimation to check your answer for reasonableness.
- 6** Suppose you want to be sure that the total cost of three items does not go over a certain amount. How can you use estimation only to solve the problem?

Multiplying a Decimal by a Whole Number

Name: _____

Multiply.

1 3×0.2

2 3×0.03

3 3×0.23

4 4×0.08

5 4×1.1

6 4×1.18

7 6×0.07

8 6×1.1

9 6×1.17

10 21×0.05

11 21×1.05

12 21×2.05

13 9×3.25

14 5×0.87

15 11×3.68

16 16×6.4

17 7×6.89

18 32×5.12

19 How did you know where to put the decimal point in problem 6?

Multiplying Decimals Less Than 1

Name: _____

Multiply.

1 0.5×3

2 0.5×0.3

3 0.5×0.03

4 6×0.2

5 0.6×0.2

6 0.06×0.2

7 0.8×0.1

8 0.8×0.2

9 0.8×0.3

10 0.4×0.02

11 0.4×0.04

12 0.4×0.12

13 0.3×0.4

14 0.6×0.4

15 0.6×0.8

16 0.01×0.5

17 0.05×0.5

18 0.25×0.5

19 Describe a pattern you noticed when you were completing the problem set.

Multiplying with Decimals Greater Than 1

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 0.3×1.2

2 1.2×0.4

3 1.2×1.1

4 0.3×12.1

5 4.4×1.1

6 0.02×1.8

7 7.1×5.1

8 6.6×0.02

9 2.4×4.8

10 9.2×5.24

11 1.2×1.24

12 8.4×6.2

13 4.2×3.21

14 4.25×8.5

15 1.9×2.78

Answers

0.132

1.32

13.482

1.488

48.208

4.84

0.48

52.08

11.52

5.282

36.125

0.036

0.36

3.63

36.21

Dividing a Decimal by a Whole Number

Name: _____

Multiply to check if the student's answer is reasonable. If not, cross out the answer and write the correct quotient.

Division Problems	Student Answers
$0.88 \div 11$	0.8 0.08 Product: $11 \times 0.8 = 8.8$
$5.6 \div 8$	0.07
$7.2 \div 9$	0.8
$25.35 \div 5$	5.7
$21.7 \div 7$	3.1
$14.4 \div 12$	0.12
$96.16 \div 8$	12.2
$60.18 \div 2$	30.9

1 Can an answer be incorrect even if it looks reasonable? Explain.

Dividing by Hundredths

Name: _____

Divide.

1 $1 \div 0.25$

2 $4 \div 0.25$

3 $3.75 \div 0.25$

4 $6.5 \div 0.25$

5 $1.8 \div 9$

6 $1.8 \div 0.9$

7 $1.8 \div 0.09$

8 $225 \div 75$

9 $22.5 \div 7.5$

10 $2.25 \div 0.75$

11 $0.36 \div 0.06$

12 $6.36 \div 0.06$

13 $36.36 \div 0.06$

14 $9 \div 2.25$

15 $13.5 \div 2.25$

16 Describe a pattern you noticed when you were completing the problem set.

Adding Fractions with Unlike Denominators

Name: _____

Add.

1 $\frac{1}{2} + \frac{1}{4}$

2 $\frac{1}{2} + \frac{3}{8}$

3 $\frac{1}{2} + \frac{1}{3}$

4 $\frac{1}{3} + \frac{1}{4}$

5 $\frac{5}{6} + \frac{1}{12}$

6 $\frac{1}{3} + \frac{2}{5}$

7 $\frac{5}{6} + \frac{2}{3}$

8 $\frac{3}{4} + \frac{5}{6}$

9 $\frac{7}{9} + \frac{1}{6}$

10 $\frac{7}{8} + \frac{2}{3}$

11 $\frac{3}{2} + \frac{3}{5}$

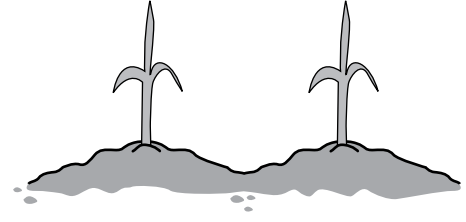
12 $\frac{9}{8} + \frac{5}{6}$

- 13** What is a different common denominator you could use in problem 2? Describe how you would add the fractions using this different common denominator. Is the result equivalent to the sum found in problem 2?

WARM UP 19

Name: _____

A farmer planted 36 rows of corn.
Each row had 25 plants.
How many plants are there in all?



1. a. Double the first number and halve the other number to make an equivalent problem.

Double Halve

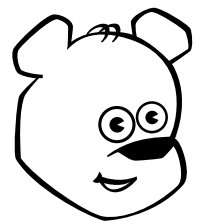
$$\begin{array}{r} 25 \times 36 \\ \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \end{array}$$

b. Repeat the step until you make a problem that is easier to solve.

c. Complete this sentence.

25×36 is the same as $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

2. a. Use the doubling and halving strategy again to solve 24×15 .

$$\begin{array}{r} \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \\ \underline{\quad} \times \underline{\quad} \end{array}$$


How did you decide which number to double and which number to halve?

b. Complete this sentence.

24×15 is the same as $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Name: _____

1. For each of these, double one number and halve the other to make a problem that is easier to solve. Write the answer.

a.

$\begin{array}{r} 25 \times 24 \\ \hline \times \\ \hline \times \end{array}$
$25 \times 24 = \underline{\quad}$

b.

$\begin{array}{r} 28 \times 15 \\ \hline \times \\ \hline \times \end{array}$
$28 \times 15 = \underline{\quad}$

c.

$\begin{array}{r} 32 \times 25 \\ \hline \times \\ \hline \times \end{array}$
$32 \times 25 = \underline{\quad}$

d.

$\begin{array}{r} 23 \times 8 \\ \hline \times \\ \hline \times \end{array}$
$23 \times 8 = \underline{\quad}$

e.

$\begin{array}{r} 8 \times 27 \\ \hline \times \\ \hline \times \end{array}$
$8 \times 27 = \underline{\quad}$

f.

$\begin{array}{r} 45 \times 8 \\ \hline \times \\ \hline \times \end{array}$
$45 \times 8 = \underline{\quad}$

2. For each of these, draw an arrow to the problem you could use to help figure it out. Write the answer.

a. $8 \times \$3.25 = \underline{\quad}$

$4 \times \$4.20$

b. $\$2.25 \times 12 = \underline{\quad}$

$3 \times \$9$

c. $8 \times \$2.15 = \underline{\quad}$

$2 \times \$13$

d. $\$1.05 \times 16 = \underline{\quad}$

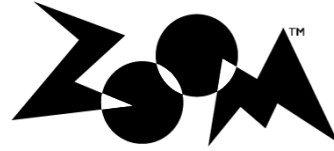
$2 \times \$8.60$

100 Chart

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	75	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Multiplication Table

X	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100



Solar Still

Sent in by: Mammy of Los Angeles, CA

Can you survive on just saltwater and sun?

Materials Needed

- large bowl
- short glass or cup
- tape
- plastic wrap
- small rock
- pitcher of water
- salt
- long spoon for stirring

Instructions

1. Check with a grown-up before you get started.
2. On a deserted island, there's ocean water all around you - but you can't drink any because it's too salty. Here's how to turn saltwater into fresh water using the sun (and gravity.)
3. First make saltwater by adding salt to fresh water. Stir the water until the salt dissolves.
4. Now pour about two inches of saltwater in a large bowl.
5. Take an empty glass and put it in the bowl. The top of the glass should be shorter than the top of the bowl, but higher than the saltwater.
6. Put plastic wrap over the top of the bowl. You may need to use tape to make sure the seal is tight.
7. The last step is to put something heavy right in the center of the plastic wrap, over the empty glass. That will weigh the plastic down and help you collect the water. Now you've made a solar still. It's called a still because it distills, or purifies, water.
8. Leave your still outside in the sun. Leave it alone for a few hours, or even a whole day. The longer you leave it out, the more water you'll collect.
9. When you're ready to check your still, take the plastic wrap off and look at the water that's collected in the cup. Do you think it's salty or fresh? Taste it to find out!

Ready for the sci scoop on how distillation works? Rays from the sun heat up the salty water in the bowl. When the water gets warm, it evaporates and becomes a gas. When the gas rises and hits the plastic wrap, it turns back into water droplets. Eventually, gravity makes the water droplets roll down the plastic wrap towards the rock. Then the water droplets slide off the plastic wrap into the glass. The salt doesn't evaporate, so it gets left behind in the bowl. Water evaporates in the same way from lakes, rivers, and oceans. The water heats up, turns into a gas, and then condenses to fall back down as rain.

See if you can distill fresh water from other liquids like cola, orange juice or even applesauce.

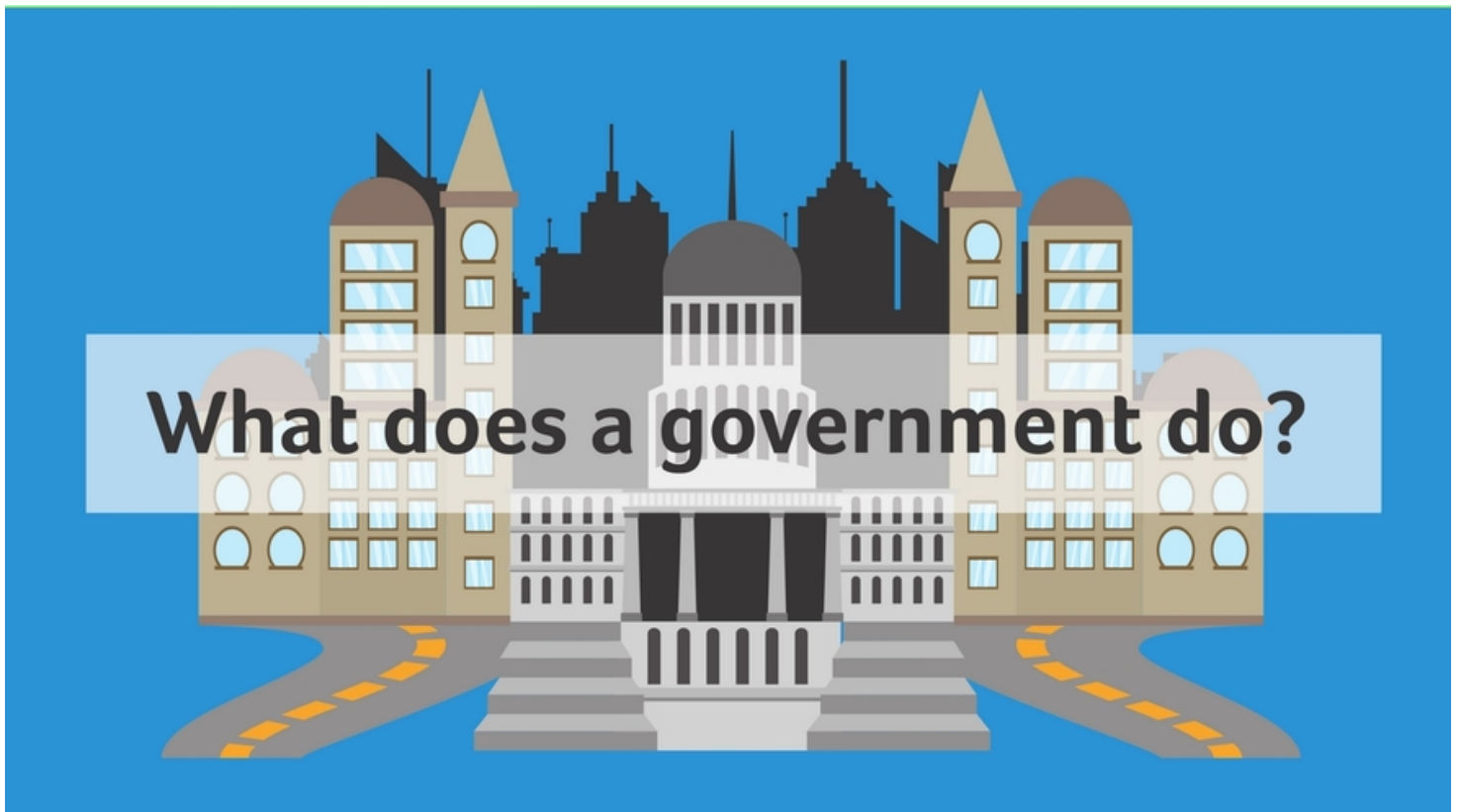


How Government Works: What is the job of the government?

By UShistory.org, adapted by Newsela staff on 02.22.17

Word Count **559**

Level **560L**



Why do we have governments? One important reason is that governments set rules. They say what is and is not allowed in a country or other place.

Not everyone agrees on the types of rules governments should make, though. Different kinds of governments make different rules.

Governments were first created for a simple reason: They helped protect people. Long ago, people learned that it was safer to be in a group of people than out on your own. But people in a group sometimes fought. So it helped to have a leader in the group. That person would have more power than the others. They could use their power to put an end to fights and disagreements.

Governments grew out of this idea.

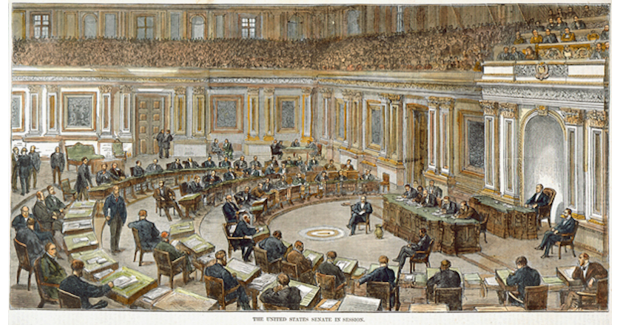
As governments developed, they did not only need to keep their people from harming one another. They also had to protect their people from outsiders. Some governments built great walls for this purpose. They guarded the walls to keep invaders out.

Other governments moved their people to safer places. They might move to high mountains or beyond wide rivers. These features would block out people who wanted to come in.

Government Partnerships Keep Order Around The World

Most governments in history have formed armies, as well. They trained a big group of people to protect the others.

Different governments have also worked together to keep peace. They form partnerships with one other. They agree not to fight or harm each other. Today, partnerships like these are very important. They help keep order around the world.



Over time, the idea of government changed. People had new ideas about what government should do. Today most governments watch over the economy of a country. The economy is the money and resources that an area has. Some governments run the economy. Others just step in to help when needed.

People Disagree About What Governments Should Do

Some governments today also provide social programs for their people. Many countries in Europe do this. These governments pay for people's health care. They provide education and other programs, too.

Not everyone likes these government programs. People who are against these programs say they are too expensive. They cost the government too much money, these people say. Also, they stop people from doing things to help themselves.

Others disagree. People who like government programs say it is the government's job to help its people. When they do, it's better for everyone, supporters say.

People today do not all agree on what governments should do. They have different ideas about the purpose of government.

Still, most people agree that a government should set rules. It is still government's job to protect people. The government must set laws for this reason.

Others would add that the government should do more. It should take care of the people it protects.









Quiz

- 1 Read the sentences below. They are the first part of a summary of the article.
- The government is in charge of making laws. It is also there to protect its people from each other and outsiders. Some governments are in charge of the army, money and programs that help people.
- Which answer BEST completes the summary?
- (A) Many countries in Europe provide social programs that pay for people's health care.
 - (B) People today do not always agree about what the government's job should be.
 - (C) Most governments throughout history have formed armies to protect people.
 - (D) Governments usually run the economy of a country and give money to people.
- 2 What is the MAIN reason why the first governments needed leaders?
- (A) Leaders were needed to fix problems when people did not agree.
 - (B) Leaders were needed to provide armies for other countries' governments.
 - (C) Leaders were needed so they could get health care for their families.
 - (D) Leaders were needed so they could spend their money on social programs.
- 3 Read the section "Government Partnerships Keep Order Around The World."
- Select the paragraph that gives an example of how governments can work together.
- 4 Which sentence from the section "People Disagree About What Governments Should Do" explains WHY some people do not think government should provide social programs?
- (A) These governments pay for people's health care.
 - (B) They cost the government too much money, these people say.
 - (C) People who like government programs say it is the government's job to help its people.
 - (D) Others would add that the government should do more.

What is the main idea of the article? Use evidence from the text to explain your thinking.

Hobbies!!

My name is _____

<p>1.</p>  <p>Mary 13</p>	<p>2.</p>  <p>Tom 15</p>	<p>3.</p>  <p>Liz 9</p>
<p>4.</p>  <p>Yoshi 10</p>	<p>5.</p>  <p>Paola 12</p>	<p>6.</p>  <p>Nick 11</p>

1. Her name is Mary. She is 13 years old.
Her hobby is playing piano.



2. His name is _____. He is _____ years old.
His hobby is _____.

3. Her _____. She _____.
Her hobby _____.

4. _____.

5. _____.

6. _____.

His		Her
He		She

skiing	riding his bike	playing baseball
playing piano	swimming	playing soccer