## Math or Literacy bit.ly/3rdDays1-20)

## Math

Add To with Numbers to 1,000:Today you will explore "Add To" problems. These problems are about situations where something is being added. Read the lesson on pg. 5. Complete the word problems for Day 1 on pg. 7. (NC.3.NBT.2, NC.4.OA.3, NC.4.NBT.4)
Fluency: Complete the fluency problems for Day 1on pg. 7. Explain any patterns you notice when multiplying by 2's. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5)

## Reading

Optional: Watch the module video for Summer LearningDay 2.
http://bit.ly/CMS3Dav2
-With a family member, caregiver, or friend, read the excerpts for Day 1. Think about what you know about poetry, then discuss what you think makes a poem a poem. See pg. 17.
-Write what you know, notice and wonder in your workbook about what makes a poem a poem. See pg. 13. (W4.6)

## Math

Take From with Numbers to 1,000 :Today you will explore "Take From" problems. These problems are about situations where something is being removed or taken away. Read the lesson on pg. 6.Complete the word problems and fluency activity for Day 3 on pg. 7. (NC.3.NBT.2, NC.4.OA.3, NC.4.NBT.4)
Fluency: Complete the fluency problems for Day 3on pg. 7. Explain any patterns you notice when multiplying by 10's. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5)

## Reading

Optional: Watch the module video for Summer LearningDay 4 http://bit.ly/CMS3Day4
-With a family member, caregiver, or friend, read the article "Writer Shows Kids How Cool and Funny Poetry Can Be!" See pg. 17-18.
-On p. 13 of your workbook, write what you notice about the different types of poems described in the article, and the characteristics of those types of poetry. See pg. 13. (RL 4.5)
-Write the gist of the article, and describe what inspires writers to write poetry, according to the author. See pg. 13. (RI 4.2)

## Math

Add To/Take From to 1,000:Today you will explore a mix of addition and subtraction problems. Review the lessons on pgs. 5and 6. Complete the word problems for Day 5 on pg. 7. (NC.3.NBT.2, NC.4.OA.3NC.4.NBT.4)
Fluency: Complete the fluency problems for Day 5on pg. 7. Explain any patterns you notice when multiplying by 5's. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5)

## Social Studies, Science, or Literacy ALL Block

## Social Studies Topic: NC Culture \& Regions

The features within NC's different regions affectpeople economically and culturally. The culture of a group is frequently expressed through its art, food, celebrations, music, family roles, etc. North Carolina consists of three maingeographic regions: the Atlantic coastal plain, in the eastern portion of the state; the central Piedmont region, and the western Mountairregion, which is part of the Appalachian Mountains.
Activity: What do you already know about NC, its regions, and its culture? For each region listed above, writeseveral things you know about what makes this region unique and how it's physical features impact life there. [4.C.1.1]
Optional Enrichment Resource:NC Regions [2:08]https://bit.ly/2Lz4WKm

## Optional Video bit.ly/3rdSummerLearning

ALL BLock Introduction (U1W1D1) Watch the Day 2video to learn about the components and purpose of ALL Block.

## Independent Activity:

-Reading and Speaking Fluency/GUM - Read the poem, Firefly, on pg. 19 and self-assess how you did. See pg. 15. (RF.4.5) -Independent ReadingRead your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10)

## Social Studies Topic: Native People

Our area has been home to indigenous cultures for thousands of years. By the time European settlersarrived, we were home to approximately 30,000 Native Americans. Over time tribesbegan protesting the seizure of their lands and enslavement of their people by Carolina settlers. The disputes led to battles and restrictions imposed on the Native population.In the 1730's a smallpox epidemic wiped out much of the Indian population in NC. I4838 about 17,000 NC Cherokee were forcibly removedto the Indian Territory (Oklahoma). Today NC's American Indian populationis the largest east of the Mississippi River with8 state and federally recognized Native American tribes.
Activity: Tribes in NC have included the Cherokee,Lumbee, Waxhaw, Waccamaw and Catawba. Pick 2 tribesand connect them to other things you know about NC. [4.C.1.1]
Optional Enrichment Resource:The Story of NorthCarolina-American Indians in Our State [6:13]https://bit.ly/2LzVLJQ

## ALL Block

Optional Video - bit.ly/3rdSummerLearning
ALL Block Introduction (U1W1D2) Watch the Day 4video to listen carefully and ask questions of others about their choice reading. Independent Activity:
-Word Study and Vocabulary - Break apart the compound words and find the meaning. See pg. 15. (L4.4)
-Independent Reading-Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/ RI.4.10)

## Social Studies Topic: European Settlers

The first permanent European settlers of NC were Englistcolonists who moved from Virginia. Soon the area became diverse as different immigrant groups came to make NC their home. The Scottish arrived in the early 1700s (with the Scot-Irish founding Charlotte in 1730). These were followed by the French, Swiss,Irish, Welsh, and German throughout the 1700's. Scotch-Irish settlers farmed and raised livestock. Their blacksmiths, carpenters, potters, and wagon makers established local businesses. ManyGerman settlers gathered together in communities to preserve their language in homes, churches, and schools. Activity: Write an answer to the following questions: [1] What do you believe attracted these different groups to North Carolina? [2] Why do you think so many of the groups settled apart from one another? [4.C.1.1]
Optional Enrichment Resource:What Happened to theLost Colony? https://bit.ly/2LCMNv7

| $\begin{gathered} \text { Day } \\ 6 \end{gathered}$ | Reading <br> Optional: Watch the module video for Summer LearningDay 6. http://bit.ly/CMS3Day6 <br> -With a family member, caregiver, or friend, read the poems written in different styles for Day 6. See pg. 18. <br> -Write what you notice in each style of poem and the characteristics of that style in your workbook. See pg. 13. (RL 4.5) | ALL Block <br> Optional Video - bit.ly/3rdSummerLearning <br> ALL Block Introduction (U1W1D3) Watch the Day 6video to use a variety of strategies to determine the meaning of unknown words and phrases. <br> Independent Activity: <br> -Writing - Write a comparing and contrasting paragraph. See pg. 15. (W.4.2) <br> -Independent Reading -Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10) |
| :---: | :---: | :---: |
| $\begin{gathered} \text { Day } \\ 7 \end{gathered}$ | Math <br> Add To/Take From to 1,000:Today you will explore a mix of addition and subtraction problems. Review the lessons on pgs. 5and 6. Complete the word problems for Day 7 on pg. 8. (NC.3.NBT.2, NC.4.OA.3NC.4.NBT.4) Fluency: Complete the fluency problems for Day 7on pg. 8. Explain any patterns you notice when multiplying by 5's. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5) | Science Topic: Science Inquiry <br> Think about the questions "What is science?" and "What does a scientist look like?" Using your background knowledge, list words that are associated with science and draw an illustration of what you think a scientist looks like. Be asdetailed as possible and include equipment that you think scientists may use. Use these questions to help. 1.Where might a scientist be located? 2. Who might a scientist be collaborating with? 3. What actions might the scientist be doing? (NC 4th Science as Inquiry) |
| $\begin{gathered} \text { Day } \\ 8 \end{gathered}$ | Reading <br> Optional: Watch the module video for Summer LearningDay 8. http://bit.ly/CMS3Day8 <br> -With a family member, caregiver, or friend, review your workbook notes and the poems you have read so far. <br> -Think about what inspires you. Choose two styles of poetry and try writing your own in the blank space provided on p. 13 in your workbook, or on a separate sheet of paper. Share them with a family member or friend. See pg. 13. (L4.3.a) | ALL Block <br> Optional Video - bit.ly/3rdSummerLearning <br> ALL Block Introduction (U1W!D4) Watch the Day 8 videoto draw an illustration using details from the text and read your research reading text independently for 10 minutes. <br> Independent Activity: <br> -Additional Work with Complex Text - Read Fireflieson pg. 19 and select two words you do not know. Complete the chart. See pg. 15. (L.4.4) <br> -Independent Reading -Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10) |
| $\begin{gathered} \text { Day } \\ 9 \end{gathered}$ | Math <br> Add To/Take From to 1,000:Today you will explore a mix of addition and subtraction problems today. Review the lessons onpgs. 5 and 6 . Complete the word problems for Day 9 on pg. 8. (NC.3.NBT.2,NC.4.OA.3, NC.4.NBT.4) Fluency: Complete the fluency problems for Day 9on pg. 8. Explain any patterns you notice when multiplying by 5's, and 10's. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5) | Science Topic: Tools <br> Scientists use various tools, such as thermometers, to conduct experiments. Today we're going to use our senses as a type of thermometer. Fill two containers withthe same amount of water. Place one container ina shady place and the other in a sunny place. Predict what willhappen. Be sure to check the temperature with yourfinger a couple of times during the day. How do they compareand why? Now take it a step further and illustrateyour own thermometer. Remember that 0 Celcius is the sameas 32 Fahrenheit (freezing point) and $100^{\circ} \mathrm{C}$ and $212^{\circ}$ Fare the boiling point. (NC 4th Science as Inquiry) |
| $\begin{gathered} \text { Day } \\ 10 \end{gathered}$ | Reading <br> Optional: Watch the module video for Summer LearningDay 10. <br> http://bit.ly/CMS3Day10 <br> -With a family member, caregiver, or friend, read the poem "Firefly" on p.19. -Write in your workbook to answer the questions about the poem. Use evidence from the poem and notes from previous days to support your answers. See pg. 14. (RL 4.1) | ALL Block <br> Optional Video - bit.ly/3rdSummerLearning <br> Word Study and Vocabulary (U1W2D1) - Watch the video for Day 10 to explain the difference between academicand domain-specific vocabulary words. <br> Independent Activity: <br> -Reading and Speaking Fluency/GUM -Read two pages of your AIR book and self-assess how you did. See pg. 15. (RF.4.5) <br> -Independent Reading -Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10) |

SPECIALS - Choose at least one activity to complete each day. Your well-being is important to us. Pleasedo not participate in physical activity if you are not feeling well.

Call someone on the phone and sing a song $\square$ Read and learn (research) about an animal or plant in a book or ONE Access. Create a puppet show that teaches five or more things about your animal/plant.

- Draw something that you would like to become better at doing or playing
- Pretend to: sit in a chair for 10 seconds; shoot a basketball 10 times; ride a horse; be a frog; lift a car.

Hop on one leg 30 times, switch legs; take 10 giant steps; walk on your knees; do a silly dance; sprint for 10 seconds.
Draw something that you are good at doing or playing.

Read two books about the same topic or subject, like football or cats. Write three ways that the information or stories are the same and different. Put on some fast music and match it with your movement.

| Day 11 | Math <br> Put Together/Take Apart with Numbers to 1,000:Today you will explore "Put Together/Take Apart" problems that involve putting two parts together to get the whole or taking one part away from the whole to get the other part. Read the lesson on pg. 9. Notice that some Put Together/TakeApart problems can be solved using addition or subtraction. Complete the word problems for Day 11 on pg. 11. (NC.3.NBT.2, NC.4.OA.3, NC.4.NBT.4Fluency: Complete the fluency problems for Day 11 on pg. 11. Explain any patternsyou notice when multiplying factors in different orders. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5) | Social Studies Topic: African Americans <br> Many African Americans in NC today are descendantsof people brought to the colonies from Africa as enslaved workers. Slavery is a system that deprives people of personal freedom and forces them to perform labor. After the Civil War, slaves were freed but NC and other southern states passed laws subjecting former slaves to restrictions on their freedom. Later JimCrow laws were passed at the state and local level to enforce racial segregation. The laws were in place through the 1960's when the Civil Rights movement began to change the laws and practices in NC and theUS. Activity: Slavery and Jim Crow laws seem like injustices that happened a long time ago. Write about a way that these practices still affect the culture we have in North Carolinatoday [4.C.1.1] Optional Enrichment Resource:Ernie Barnes [5:40]https://bit.ly/2WLexEB |
| :---: | :---: | :---: |
| Day 12 | Reading <br> Optional: Watch the module video for Summer LearningDay 12. <br> http://bit.ly/CMS3Day12 <br> -With a family member, caregiver, or friend, read the article "Fireflies." See pg. 19. <br> -Write the gist and evidence from the text that supports the gist in your workbook. See pg. 14. (RI 4.2) | ALL Block <br> Optional Video - $\qquad$ <br> Word Study and Vocabulary (U1W2D2) - Watch the Day12 video to use your vocabulary log to analyze the meaning of a vocabulary word. <br> Independent Activity: <br> -Word Study and Vocabulary - Deconconstruct words into root and any affixes. See pg. 16. (L.4.4) <br> -Independent Reading- Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10) |
| Day 13 | Math <br> Comparison Problems with Numbers to 1,000:Today you will explore "Compare" problems that involve comparing two amounts, or considering how much more or how many fewer one amount is than another. Read the lesson on pg. 10. Notice that Comparison problems can besolved using addition or subtraction. Complete the word problems for Day13 on pg. 11. (NC.3.NBT.2, NC.4.OA.3, NC.4.NBT.4)Fluency: Complete the fluency problems for Day 13 on pg. 11. Explain any patterns you notice when usinga known fact to solve a more challenging fact. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5) | Social Studies Topic: North Carolina Today <br> Cities in North Carolina with large populations havea melting pot of cultures. Much of the rest of NorthCarolina remains rural however, and leans toward traditional Southern culture. Over 170,000 Asian Americans make NC their home,coming from places as varied as China, India, and the Philippines. Almos 1600,000 Hispanics live here, with most coming fromPuerto Rico, Mexico and Cuba. North Carolinians come from different backgrounds, but they all contribute to the richness of our culture. Activity: Think about our community. Where do you see evidence of varied cultures represented? Think of celebrations, music, food, art, and places of worship. Being specific, list as many as you can.[4.C.1.1] <br> Optional Enrichment Resource:15 facts about NC [5:50]httos://bit.ly/2X6LHNR |
| Day 14 | Reading <br> Optional: Watch the module video for Summer LearningDay 14. <br> http://bit.ly/CMS3Day14 <br> -With a family member, caregiver, or friend, re-read the poem "Firefly" and the article "Fireflies." See pg. 19. <br> -Write one similarity and two differences between the two texts in your workbook. See pg. 14. (RL 4.5) | ALL Block <br> Optional Video - $\qquad$ <br> Word Study and Vocabulary (U1W2D3) - Watch the video for Day 14 to use your vocabulary log to analyzethe meaning of a vocabulary word. <br> Independent Activity: <br> -Writing- Revise your comparing and contrasting paragraph. See pg. 16. (W.4.2) <br> -Independent Reading -Read your independent text and complete a graphic organizer. See pg. 21-22. (RL4.10/RI.4.10) |
| $\begin{aligned} & \text { Day } \\ & 15 \end{aligned}$ | Math <br> Comparison Problems with Numbers to 1,000 :Today you will explore "Compare" problems that involve comparing two amounts, or considering how much more or how many fewer one amount is than another. Review the lesson on pg. 10. Remember that Comparison problems can besolved using addition or subtraction. Complete the word problems for Day15 on pg. 11. (NC.3.NBT.2, NC.4.OA.3, NC.4.NBT.4)Fluency: Complete the fluency problems for Day 15 on pg. 11. Explain any patterns you notice when usinga known fact to solve a more challenging fact. (NC.3.OA.7, NC.4.OA.4, NC.4.NBT.5) | Science Topic: Tools <br> Scientists also use a balance scale to compare the weights of two objects. Use your body as the fulcrum, or pivoting point, and your hands as the pans. Holdtwo objects and predict which one will be heavier. Was your prediction correct or incorrect? Why? Take it a step further and gather various objects. See if you can find two objects that have similar weights. In yourown words, explain how a pan balance works and when you would use scales outside of school? (NC 4th Science as Inquiry) |
| Day 16 | Reading <br> Optional: Watch the module video for Summer LearningDay 16. <br> http://bit.ly/CMS3Day16 <br> -With a family member, caregiver, or friend, read the poem "Turtle Came to See Me" on p. 19. <br> -Write in your workbook to answer the questions about the poem. Use evidence from the poem and notes from previous days to support your | ALL Block <br> Optional Video - $\qquad$ <br> Accountable Independent Reading (U2W2D4) Watch the Day 16 video to read an independent reading textwith increasing stamina. <br> Independent Activity: <br> -Additional Work with Complex Text- Revisit the poem, Turtle Came to See Me on pg. 19 and underline or highlight 3 interesting words or word phrases. Share with a family member why these words or word phrases are interesting to you. See pg. 16. (W.4.3a) |


-Independent Reading -Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10)

## Science Topic: Tools

Tweezers, a dropper, and a microscope are also important pieces of scientific equipment. Try using your fingers as tweezers and a straw with your finger at the top as a dropper. The zoom feature on a device such as a camera can be used as a microscope. Explore using these tools and make a chart with 3 columns to list how each of these could be used in an experiment. (NC 4th Science as Inquiry)

## ALL Block

Optional Video - bit.ly/3rdSummerLearning
Reading and Speaking Fluency/GUM (U2W1D1)- Watch the Day 18 video to read a text fluently and accuratelyand define fluently and accurately in your vocabulary log.

## Independent Activity:

-Reading and Speaking Fluency/GUM - Complete a FluencyPerformance and Self- Assessment using Day 9 of yourALL Block Handout. See pg. 16. (RF.4.5)
-Independent Reading -Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10)

## Science Topic: Tools

Now that you know a bit more about thermometers, a balance scale, tweezers, droppers, and microscopes, let's use them in an experiment! Use your "tweezers" to place two different types of rocks or other small objects into the "pans" of your "balance scale" to test the weight. How do they compare? Use your "thermometer"to test the temperature of the objects. Do they differor are they similar? Use your "dropper" to see how many drops of water can be held on each object's surface without going over. Is it more or less than you anticipated? Why? Now use your "microscope"and draw a detailed illustration of what you see. What is the color? Is it hard or soft? Does it have luster, meaning isit slightly reflective? Is it flexible?(NC 4th Scienceas Inquiry)

## ALL Block

Optional Video - bit.ly/3rdSummerLearning
Accountable Independent Reading (U2W2D2) Watch Day20 video to read my research reading text independently for 10 minutes and choose and respond to an appropriate reading prompt.

## Independent Activity:

-Word Study and Vocabulary - Write 4 sentences with the -able words and make sure to show the meaning of the word. Share with a family member or caregiver, See pg. 16. (W.4.3a)
-Independent Reading -Read your independent text and complete a graphic organizer. See pg. 21-22. (RL.4.10/RI.4.10)

## SPECIALS - Choose at least one activity to complete each day. Your well-being is important to us. Pleasedo not participate in physical activity if you are not feeling well.

- Sing a song with someone.
- Read a fiction (story) and nonfiction (true) book about pollinators. Write which book taught you the most about pollinators and why. Draw two things you learned about pollinators.
- Yikes! Something is in the back of your house. Draw a picture of it.
- Bear Walk! With your bottom in the air, step forward with your right hand and step forward with your left foot. Step forward with the left hand then the right foot. Continue to move across the room.
- With a partner, hold each other's shoulders. Try to tap the other person's toe without having yours tapped.
- Using any type of line or shape to create a picture with only the three primary colors (red, blue, yellow).
- Learn about how to do something from the World Book Encyclopedia or a book. Write the steps to doing what you learned and teach someone how to do it.
- Make up new rhyming words to sing with "Down by the Bay."


## Day 1 Exploring Add To Problems

When we solve problems that involve getting more, then we are solving Add To problems. There are 3 types of Add To problems:


Ms. Branecky had 124 pencils. Mallory gave her a pack with 20 more pencils. How many pencils does Ms. Branecky have now?

Ms. Branecky had some pencils. Mallory gave her a pack with 20 more pencils. Now Ms. Branecky has 144 pencils. How many pencils did Ms. Branecky have to begin with?

Result Unknown



Start Unknown

All of these problems include more pencils being added to the ones that Mrs. Branecky already had. However, each question is missing different information that you have to find out.

## Problem Solving

## Strategy:

1. Read and think about the problem. Turn the paper over, and retell the story of what is happening in your mind.
2. Write an equation to represent what is happening. Is something being added? That's addition! Is something being taken away? That's subtraction. Use a blank in the equation to hold a place for the part you don't know (the part you are trying to find out).
3. Use a number line to represent what is being added or taken away in the problem. What is the missing information?
4. Put the missing information in the blank in your equation. Does your equation make sense?

## Example:

Miguel read 345 pages in June. He read more in July. So far, he has read 820 pages this summer. How many pages did Miguel read in July?
Think A boy is reading LOTS of pages this summer. He read pages in June and July. Now he has read 820 pages.
Represent:
$345+$


The blank is how many pages Miguel read in July. That's what we need to find out.

$345+\underline{475}=820$. This makes sense! Since this is about 300 and 500 , and $300+500=800$, then I know my answer 820 is about right.

## Day 3 Exploring Take From Problems

When we solve problems that involve taking from or removing items, then we are solving Take From problems. There are 3 types of Take From problems:


All of these problems include paper clips being given away, so all of these problems are Take From problems. However, each question is missing different information that you have to find out.

## Problem Solving Strategy:

1. Read and think about the problem. Turn the paper over, and retell the story of what is happening in your mind.
2. Write an equation to represent what is happening. Is something being added?
That's addition! Is something being taken away? That's subtraction. Use a blank in the equation to hold a place for the part you don't know (the part you are trying to find out).
3. Use a number line to represent what is being added or taken away in the problem. What is the missing information?
4. Put the missing information in the blank in your equation. Does your equation make sense?

## Example:

Smith had a bag of pennies. He lost 35 pennies. Now Smith only has 290 pennies. How many pennies were in his bag before he lost some?

A boy had a bag of pennies, but Think he lost some. That's subtracting! Now he has 290 pennies.

Represent:


The blank is how many pennies were in the bag to begin with. That's what we need to find out.

This makes sense!
325-35=290
If I estimate to the nearest $10,330-40=290$.
This is a reasonable answer.

## Day 1 Fluency

$1 \times 2=$
$2 \times 2=$
$3 \times 2=$
$4 \times 2=$
$5 \times 2=$
$6 \times 2=$
$7 \times 2=$
$8 \times 2=$
$9 \times 2=$
Look at the equations above. Tell a family member or your favorite toy about a pattern you notice.

## Day 1 Problem Solving

1. Mylah had 372 rocks in her rock collection. She went for a walk and found more rocks to add to her collection. Now Mylah has 535 rocks in her collection. How many rocks did Mylah find on her walk?
2. At Smithfield Elementary, 172 third grade students attended a dance party in the gym. 235 fourth grade students joined them. Altogether, how many third and fourth grade students attended the dance party?
3. Max had been saving money in his piggy bank. For his birthday, he got $\$ 105$ and added it to his piggy bank. Now Max has $\$ 573$. How much money was in Max's piggy bank before his birthday?

## Day 3 Fluency

## Set 1:

$5 \times 1=$
$5 \times 10=$
Set 2:
$8 \times 1=$
$8 \times 10=$

## Set 3:

$7 \times 1=$
$7 \times 10=$
Look at the 3 sets above. Tell a family member or your favorite toy about a pattern you notice.

## Day 3 Problem Solving

1. Hiro had a pack of paper. He gave his sister 245 sheets from the pack. Now Hiro has 382 sheets of paper left. How many sheets of paper were in the pack before Hiro gave any to his sister?
2. Andy printed 593 T-shirts. He sold 147 of the shirts. How many T-shirts does Andy have left to sell?
3. Mrs. Griffin baked 455 cookies for the students in her class. At the end of the day, 188 cookies were left. How many cookies did Mrs. Griffin's students eat?

## Day 5 Fluency

$1 \times 5=$
$3 \times 5=$
$5 \times 5=$
$7 \times 5=$
$9 \times 5=$
Look at the equations above. Tell a family member or your favorite toy about a pattern you notice.

## Day 5 Problem Solving

1. Paco painted 247 stars on the new mural outside the cafeteria. Angie painted more stars to finish the mural. When the mural was finished, it had 582 stars. How many stars did Angie paint in the mural?
2. Hailey had an old box of markers. After she threw away 142 markers that no longer worked, there were 263 markers left in the box. How many markers did Hailey start with?
3. Austin made 301 origami cranes. He gave 132 of the cranes to his little brother. How many origami cranes did Austin have left?

| Day 7 Fluency |  |
| :---: | :---: |
| $\begin{aligned} & 2 \times 5= \\ & 4 \times 5= \\ & 6 \times 5= \\ & 8 \times 5= \\ & 10 \times 5= \end{aligned}$ <br> Look at the equations above. Tell a family member or your favorite toy about a pattern you notice. | 1. Nola had 685 Pokemon cards. She gave some of her cards to her brother. Now Nola has 483 Pokemon cards. How many did she give to her brother? <br> 2. Ms. Reyes had 297 erasers. Her students gave her 518 more erasers. How many erasers does Ms. Reyes have now? <br> 3. Mike picked some strawberries on Monday. On Tuesday, he picked 317 more strawberries. Altogether, he picked 497 strawberries. How many strawberries did Mike pick on Monday? |
| Day 9 Fluency <br> Set 1: $\begin{aligned} & 6 \times 5= \\ & 6 \times 10= \end{aligned}$ <br> Set 2: $\begin{aligned} & 9 \times 5= \\ & 9 \times 10= \end{aligned}$ <br> Set 3: $\begin{aligned} & 4 \times 5= \\ & 4 \times 10= \end{aligned}$ <br> Set 4: $\begin{aligned} & 5 \times 5= \\ & 5 \times 10= \end{aligned}$ <br> Set 5: $\begin{aligned} & 8 \times 5= \\ & 8 \times 10= \end{aligned}$ <br> Look at the 5 sets above. Tell a family member or your favorite toy about a pattern you notice. | Day 9 Problem Solving <br> 1. Last week, Evan spent 218 minutes reading. This week, he read even more. When he calculated the total, Evan found he had spent 540 minutes reading over the past two weeks. How many minutes did Evan read this week? <br> 2. Mrs. Hackett made flyers to hand out about the school book fair. She handed out 483 flyers. Mrs. Hackett had 188 flyers left. How many flyers did Mrs. Hackett start with? <br> 3. Paola had $\$ 318$. She spent $\$ 135$ on a new bike. How much money did Paola have left? <br> 4. Amit had 436 fish in his old aquarium. He moved some of the fish to a new aquarium. Now there are 187 fish in the old aquarium. How many fish did Amit move to the new aquarium? <br> 5. Mr. Simpson had 284 books in his classroom library. He ordered 138 more books. How many books does Mr. Simpson have in his classroom library now? |

## Day 11 Exploring Put Together/Take Apart Problems

Some math problems do not have action or change such as something being added to or taken away from another amount. In these problems there are two parts and a total number. If the total is unknown, you need to add the two parts together. If one of the parts is unknown, you need to start with the known part and add up to the total or subtract the known part from the total to find the unknown part.


Mr. Maione bought 148 red dice and 40 blue dice. How many dice did Mr. Maione buy?

Total Unknown

Mr. Maione has 188 dice. 148 dice are red and the rest are blue. How many dice are blue?

Smaller Unknown

Mr. Maione has 188 dice. 40 dice are blue and the rest are red. How many dice are red?

Larger Unknown
All of these problems involve Mr. Maione having some red dice and some blue dice. However, each question is missing different information that you have to find out.

## Problem Solving Strategy:

1. Read and think about the problem. Turn the paper over, and retell the story of what is happening in your mind.
2. Write an equation to represent what is happening. If you know both parts, the use addition to put them together: Part + Part = ___ If you know the total, and need to know one of the parts, then you can record the equation as an addition equation with an unknown part or a subtraction equation with the missing part as the difference. Use a blank in the equation to hold a place for the part you don't know (the part you are trying to find out).
3. Draw a bar diagram to represent the parts and the total in the problem. What is the missing information? You can use an open number line to find the missing part.
4. Put the missing information in the blank in your equation. Does your equation make sense?

## Example:

Rhasheed purchased 465 postage stamps. 290 stamps had animals on them and the rest had flags. How many stamps had flags on them?
Think:
A boy bought a lot of postage stamps. Some of the stamps had animals on them and some had flags on them. Altogether he bought 465 stamps!

Represent: Addition:
$290+\frac{}{\mathrm{OR}}=465$
$465=290+$


You could write an addition or a subtraction equation to solve this problem!


#### Abstract

Subtraction: 465-290 = $\qquad$


$290+\underline{175}=465$. This makes sense! This is about 300 and 200, and $300+200=500$. Since 465 is close to 500 , then I know my answer 175 is reasonable.

## Days 13 \& 15 Exploring Compare Problems

When we solve problems that involve comparing two amounts or considering how much more or how many fewer one amount is than another, we are solving Comparison problems. There are 3 types of Comparison problems:

Sam collected 220 cans of food for the food drive. Molly collected 100 cans of food. How many more cans of food did Sam collect than Molly?

Sam collected 220 cans of food for the food drive. Molly collected 100 cans of food.
How many fewer cans of food did Molly collect than Sam?

##  <br> Difference Unknown

Sam collected 120 more cans of food than Molly. Molly collected 100 cans of food. How many cans of food did Sam collect?

Molly collected 120 fewer cans of food than Sam. Molly collected 100 cans of food. How many cans of food did Sam collect?

Molly collected 120 fewer cans of food than Sam. Sam collected 220 cans of food. How many cans of food did Molly collect?

Sam collected 120 more cans of food than Molly. Sam collected 220 cans of food. How many cans of food did Molly collect?


Larger Unknown


Smaller Unknown

All of these problems include comparing the number of cans of food that Molly collected to the number of cans of food that Sam collected, so all of these problems are Comparison problem. However, each question is missing different information that you have to find out.

## Problem Solving Strategy:

1. Read and think about the problem. Turn the paper over and retell the story of what is happening in your mind.
2. Write an equation to represent the comparison situation. If you are given two amounts to compare to find how many more or how many fewer, you can write a subtraction equation to find the difference between the two amounts, or you can write an additional equation adding the unknown difference to the smaller amount. If you know one amount and how many more or how many fewer the other amount is, then you could write an equation to show adding the more amount or subtracting the fewer amount. Always carefully read the problem to know which is more, adding the more amount to the smaller quantity (even if it is the unknown part) or subtracting the fewer amount from the larger amount (even it its the unknown amount). Use a blank in the equation to hold a place for the part you don't know (the part you are trying to find out).
3. Use bars to represent the two quantities and the unknown amount. Once you have your equation, you can use an open number line to find the sum or difference.
4. Put the missing information in the blank in your equation. Does your equation make sense?

## Example:

Keasia made bracelets using purple and green beads. She used 584 purple beads and 428 green beads. How many more purple beads did Keasia use than green?
Think:


## Day 11 Fluency

## Set 1:

$2 \times 6=$
$6 \times 2=$
Set 2:
$5 \times 8=$
$8 \times 5=$
Set 3:
$10 \times 7=$
$7 \times 10=$
Look at the 3 sets above. Tell a family member or your favorite toy about a pattern you notice.

## Day 11 Problem Solving

1. William has 296 yellow Lego bricks and the rest are blue. He has 657 Lego bricks altogether. How many blue Lego bricks does William have?
2. Mr. Soares has 1,000 cookies for school lunches. He has 748 chocolate chip cookies. The rest of the cookies are sugar cookies. How many sugar cookies does Mr. Soares have?
3. Sonya bought a large bag of seashells. There were 219 large seashells and 473 small seashells in the bag. How many seashells were in the bag that Sonya bought?

## Day 13 Problem Solving

1. Ms. Locke just organized and counted the markers in the art room. Ms. Locke has 129 more orange markers than green markers. She has 376 green markers. How many orange markers does Ms. Locke have?
2. Giancarlo has 968 treasure box tickets. Juan has 731 treasure box tickets. How many more treasure box tickets does Giancarlo have then Juan?
3. Farmer Saunders planted 221 more tomato plants than Farmer Simpson. Farmer Saunders planted 706 tomato plants. How many tomato plants did Farmer Simpson plant?

## Day 15 Problem Solving

1. Sam's Club has 263 fewer packs of water than Costco. Costco has 927 packs of water. How many packs of water does Sam's Club have?
2. Ms. Vaughn's class earned 453 Class Dojo points in January. They earned 961 Class Dojo points in February. How many fewer Class Dojo points did Ms. Vaughn's class earn in January than in February?
3. Mildred spent 356 fewer minutes on DreamBox in March than in April. Mildred spent 644 minutes on DreamBox in March. How many minutes did Mildred spend on DreamBox in April?

| Day 17 Fluency | Day 17 Problem Solving |
| :---: | :---: |
| Set 1: |  |
| $7 \times 5=$ | 1. Jackeia and Rachel jog at the park every day after |
| $7 \times 6=$ | school. So far this year, Jackeia has jogged 451 miles. |
| Set 2: | Rachel has jogged 549 miles. How many fewer miles has Jackeia jogged than Rachel? |
| $6 \times 5=$ |  |
| $6 \times 4=$ | 2. Cody and Gracie have been saving quarters to play |
| Set 3: | arcade games at the beach. Cody has 372 quarters. |
| $8 \times 5=$ | Gracie has 478 quarters. How many quarters have they |
| $8 \times 6=$ | saved altogether? |
| Look at the 3 sets above. Tell a family member or your favorite toy how solving the fact you know in each set can help you solve the other fact in each set. | 3. Mr. and Mrs. Hill went on a road trip. Mr. Hill drove 57 more miles than Mrs. Hill. Mr. Hill drove 846 miles. How many miles did Mrs. Hill drive? |
| Day 19 Fluency <br> Set 1: $\begin{aligned} & 8 \times 10= \\ & 8 \times 9= \end{aligned}$ | Day 19 Problem Solving |
|  | 1. Food Lion just got a shipment of 836 apples. 518 apples are red and the rest are green. How many green apples does Food Lion have? |
| Set 2: | green apples does Food Lion have? |
| $4 \times 5=$ | 2. Ms. Melton and Ms. Irving's classes are having a |
| $4 \times 6=$ <br> Set 3: $\begin{aligned} & 9 \times 5= \\ & 9 \times 6= \end{aligned}$ | Raz-Kids competition. Ms. Melton's class has read 351 books. Ms. Irving's class has read 403 books. How many more books has Ms. Irving's class read on Raz-Kids than Ms. Melton's class? |
| Look at the 3 sets above. Tell a family member or your favorite toy about a pattern you notice. | 3. Mountainview Elementary School is having a March Math Madness competition. The fifth grade team has 254 points. The fourth grade team has 517 points. How many fewer points does the fifth grade team have than the fourth grade team? |
|  | 4. Ms. DuPre just got a shipment of books in for the school's media center. There are 532 nonfiction books and 468 fiction books. How many books did Ms. DuPre receive in the shipment? |
|  | 5. Thomas has 251 more Legos than Tatum. Thomas has 627 Legos. How many Legos does Tatum have? |

DAY 2 Directions:Read the Day 2 poem excerpts onp. 17. Think about what you know about poetry, then discuss what you think makes a poem a poem. Use the chart below to write what you know, notice and wonder about what makes a poem a poem.

| What makes a poem a poem? |  |  |
| :--- | :--- | :--- |
| What do I know? | What do I notice? | What do I wonder? |
|  |  |  |
|  |  |  |

DAY 4 Directions:Read the article "Writer Shows KidsHow Cool and Funny Poetry Can Be!" (p.17-18) Usehe chart below to write what you notice about the different types of poems described in the article, and the characteristics of those types of poetry. Then, write the gist of the article, and describe what inspires writers to write poetry, according to the author.

| Type of Poetry | What do you notice? | Characteristics of that type of poem: |
| :--- | :--- | :--- |
| Haiku |  |  |
| Concrete |  |  |
| One Word |  |  |

What is the gist of the article? What inspires writers to write poetry?

DAY 6 Directions:Read the poems written in different styles for Day 6 on $p$. 18. Use the chart below towrite what you notice in each style of poem and the characteristics of that style.

| Type of Poetry | What do you notice? | Characteristics of that type of poem: |
| :--- | :--- | :--- |
| Acrostic |  |  |
| Diamante |  |  |
| Free Verse |  |  |
| Cinquain |  |  |

DAY 8 Directions:Think about what inspires you. Choose two styles of poetry and try writing your own in the space below or on a separate sheet of paper. Share them with a family member or friend.

DAY 10 Directions:Read the poem "Firefly" on p. 19. Answer the questions below about the poem. Use evidence from the poem and notes from previous days to support your answers.
What happens in the poem?

How does the author feel about the topic? How doyou know?

What characteristics of poetry do you see in this poem?

What do you think inspired Jacqueline Woodson to write this poem?
What do you think is the theme (lesson/message) of the poem?

DAY 12 Directions:Read the article "Fireflies." (p. 19) Use the space below to write the gist and evidence from the text that supports the gist.

DAY 14 Directions: Re-read the poem "Firefly" and the article "Fireflies." (p. 19). Write one similarity and two differences between the two texts in the chart below.

| Difference in Poem | Similarity | Difference in Prose |
| :--- | :--- | :--- |
|  |  |  |

DAY 16 Directions:Read the poem "Turtle Came to See Me" on p. 19. Answer the questions below about the poem. Use evidence from the poem and notes from previous days to support your answers.
What happens in the poem?

How does the author feel about the topic? How doyou know?

What characteristics of poetry do you see in this poem?

What do you think inspired Margarita Engle to writehis poem?

What do you think is the theme (lesson/message) of the poem?

DAY 18 Directions:Read the article "Cuban-American Poet Takes Readers on a Visit to Cuba with Writing.", which is about the author of the poem "Turtle Came to See Me" from Day 16. Use the chart below to explairwhat inspires writers and the evidence from the text to support your answers. (RL 4.1) Then write the gist of the section "Becoming a Poet and Plant Scientist".

| What inspires writers to write poetry? | What is the gist of the section, "Becoming a Poet\& Plant Scientist"? |
| :--- | :--- |
|  |  |

DAY 20 Directions: Re-read the poems and notes in your workbook. Use the blank space below or a separate sheet of paper to write two poems about something that inspires you. Share them with a family member or friend.

Day 2 －Reading and Speaking Fluency／GUM－Go to the Firefly poem on pg．19．Whisper read the poem working on being a fluent reader． Read the poem out loud being a fluent reader．Rate how you did on reading fluently by referencing this table：（RF．4．5）

| Fluency Self－Assessment Checklist（RF．4．5） | 大为大 | 故大碞 | tot | t |
| :---: | :---: | :---: | :---: | :---: |
| $\star$ I can correct myself and reread when what I read was wrong and doesn＇t make sense． |  |  |  |  |
| $\star$ I can read at a speed that is appropriate for the piece |  |  |  |  |
| $\star$ I can notice and read punctuation． |  |  |  |  |
| $\star$ I can read groups of related words and phrases together． |  |  |  |  |

Day 4 －Word Study and Vocabulary－Read the compound word．Identify the first word and second word in the compound word． Then use the meaning of each word to help you know the meaning of the compound word．Use the sentence starter below as needed．（L4．4）

| Compound Words | First Word | Second Word | Explain how the individual words help you know the meaning of the compound word．Use the sentence frame and example to help you．Record your responses on your notebook paper labeled day 2. <br> The first word $\qquad$ means $\qquad$ ，and the second word means $\qquad$ ，Therefore，this compound word means $\qquad$ |
| :---: | :---: | :---: | :---: |
| （ex）rainfall | rain | fall |  |
| fireflies |  |  |  |
| glowworms |  |  |  |
| sometimes |  |  | Example；The first word rain means liquid precipitation，and the second word |
| hometown |  |  | precipitation that moves downward． |

Day 6 －Writing－Look at the texts Firefly and Fireflies on pg．19．Complete the sentence frames below about the texts．
－Both texts explain $\qquad$
－Firefly describes $\qquad$ but＿Fireflies describes
－I see a＿＿＿－＿－＿－＿－＿（difference／similarity）in the main ideas because
－I think the supporting details are $\qquad$ （different／similar）．For example， $\qquad$
Use the sentence frames you just completed to compose a paragraph that compares and contrasts the two texts．Don＇t forget to tell the main idea．（W．4．2）

Day 8 －Additional Work with Complex Text－Read Fireflies on pg．19．Choose two words you do not know the meaning of．For each of your two words，record：the definition in your own words，some synonyms，what strategy you used to determine the definition， and a quick sketch．Recreate this chart on a piece of paper．You will create a chart for both words．See the example below． （L．4．4）．

| Word \＃1 |  |
| :--- | :--- |
| Definition in your own words | Synonyms（words that mean the same） |
| Strategy（context，affixes，root，dictionary） | Sketch |

Day 10－Reading and Speaking Fluency／GUM－Whisper read two pages of your AIR book working on being a fluent reader．Read the same two pages out loud being a fluent reader．Rate how you did on reading fluently by referencing this table：（RF．4．5）

| Fluency Self－Assessment Checklist（RF．4．5） |  |  |  |
| :--- | :--- | :--- | :--- |
| $\star$ I can correct myself and reread when what I read was wrong and doesn＇t make sense． |  |  |  |
| $\star$ I can read at a speed that is appropriate for the piece |  |  |  |
| $\star$ I can notice and read punctuation． |  |  |  |
| $\star$ I can read groups of related words and phrases together． |  |  |  |

Day 12 - Word Study and Vocabulary-Deconstruct the words into the root and any affixes. Then say the words aloud to an adult. Explain how the roots and the affixes helped you to understand the meaning of the word. (L.4.4)

| Word | Prefix | Root | Suffix | Meaning of the <br> Affix | Meaning of the <br> Word |
| :--- | :--- | :--- | :--- | :--- | :--- |
| believable |  |  |  |  |  |
| lovable |  |  |  |  |  |
| excitable |  |  |  |  |  |
| adorable |  |  |  |  |  |

Day 14 - Writing - Finish writing your Comparing Two Texts informative paragraph from Day 6 as needed. After you finish your paragraph, reread it and color-code it using colored pencils. (w.4.2)

- Underline in red, the sentences where you introduce the topic.
- Underline in green your focus statement.
- Underline in yellow the sentences where you talk about the similarities.
- Underline in blue the sentences where you talk about the differences.
- Circle the words "main idea" and " supporting details" in your paragraph.
- Put a star over the linking words (e.g., however, while, but also, in addition, even though, similarly, likewise, although, on the other hand) you used.
- If you can't find all these parts of your piece, you may revise your paragraph to include them.

Day 16 -Additional Work with Complex Text - Revisit the poem, Turtle Came to See Me, on Pg. 19 and underline or highlight 3 interesting words or word phrases. Share with a family member why these words or word phrases are interesting to you. (L.4.3a)

Day 18 - Reading and Speaking Fluency/GUM- Whisper read two pages of your AIR book working on being a fluent reader. Read the same two pages out loud being a fluent reader. Rate how you did on reading fluently by referencing this table: (RF.4.5)

| Fluency Self-Assessment Checklist (RF.4.5) | then |  |  |
| :--- | :--- | :--- | :--- |
| $\star$ I can correct myself and reread when what I read was wrong and doesn't make sense. |  |  |  |
| $\star$ I can read at a speed that is appropriate for the piece |  |  |  |
| $\star$ I can notice and read punctuation. |  |  |  |
| $\star$ I can read groups of related words and phrases together. |  |  |  |

What area did you do well? What is one area you want to work on?

Day 20 - Word Study and Vocabulary- Use the words believable, lovable, excitable, and adorable. Write four sentences with a different word in each sentence. Make sure your sentence shows the meaning of the word. Read your sentences aloud to a family member or caretaker. (L.4.3a)

## Day 2 - Poem Excerpts

So much
depends
upon
a blue car
splattered with mud speeding down the road.

Creech, S. Love That DogNew York: Harper Collins,2001. Print.

## Maybe

you could
copy it too
and hang it on
the wall in our
class
Where we
can see it
When we
are sitting at our desks
doing our stuff.

Up from the meadows rich with corn, Clear in the cool September more, The clustered spires of Frederick stand Green-walled by the hills of Maryland. Roundabout them orchards sweep, Apple and peach tree fruited deep.

Whittier, John G. "Barbara Frietchie." Poems EveryChild Should Know Ed. Mary E. Burt. New York: Doubleday, Page \& Company, 1904. Project Gutenberg. Web.

Slowly she grew - till she filled the night,
And shone
On her
throne
In the sky
alone,
A matchless, wonderful silvery light, Radiant and lovely, the queen of the night.

Macdonald, George. "The Wind and the Moon." Poems Every Child Should Know Ed. Mary E. Burt. New York: Doubleday, Page \& Company, 1904. Project GutenbergWeb.

Creech, S. Love That DogNew York: Harper Collins,2001. Print.
I have a little shadow that goes in and out with me. And what can be the use of him is more than I cansee. He is very, very like me from the heels up to the head; And I see him jump before me, when I jump into my bed.

Stevenson, Robert Louis. "My Shadow."Poems EveryChild Should Know Ed. Mary E. Burt. New York: DoubleddRage \& Company, 1904. Project Gutenberg. Web

## Day 4 - Article

## Writer Shows Kids How Cool and Funny Poems Can Be!

By Washington Post, adapted by Newsela staff on 04.26.17


Bob Raczka learned to love poetry when he realizedthat poems can be silly and fun. Photo courtesy of Bob Raczka.

When Bob Raczka was a kid, he did not like poemsLike many students, he studied poems at school. Most of these poems were very old. They werewritten hundreds of years ago. They had strange, old-fashioned words in them.

Raczka (sounds like RASS-kuh) grew up in the stateof Illinois. He loved climbing trees and playing outdoors. Those activities were more fun than reading old poems, he thought. Poems were just fancy words about pretty flowers or sad people. Raczka thought those subjects were boring. Now, Raczka feels differently aboupoetry. As he learned more about poetry his opinion changed. Raczka realized that poems do not have to be serious. They can be about anything at all. They can even be silly. Today, Raczka isa poet himself!

## Showing Kids That Poems Can Be Cool

Raczka writes books of poems for kids. He wrote hisfirst one in 2010. It was called "Guyuku." Raczkawrote it to show boys and girls that poems can be cool.

## Japanese Style Of Poetry

He wrote the book in a Japanese style of poetry. Itis called haiku. A haiku poem has three lines. The first and third lines have five syllables each. The middle line has seven syllables. These poems are short. They can still be very descriptive, though. One of Raczka's haikus is:

# Module Texts: Days 2-20 

"The wind and I play
tug-of-war with my new kite.
The wind is winning."
Some of Raczka's poems are funny, too, like this one:
"If this puddle could
talk, I think it would tell me
to splash my sister."

Raczka says that one of the best parts of reading poems is getting to slow down. When you read a book, you read quickly, he says. You want to find out what happens next.
Poems are different. Reading a poem gives you an opportunityto take a break. You can stop and think at every line.

## Concrete Poetry Makes A Shape On The Page

Raczka has written poems in many different styles. He wrote one book in a style called concrete poetry. In these poems, words create a shape on the page.

One example of concrete style is Raczka's poem "Hopscotch."It is written in the shape of a hopscotch game. The poem has to be read from the bottom of the page to the top. The reader moves up from line to line. This is the same way a hopscotch player would jump up hopscotch squares.

## Poems That Use The Letters Of Just One Word

The poems in Raczka's book "Lemonade" are also veryplayful. For this book, Raczka set a rule for himselffach poem would be made up of the letters of just one word. For example, one poem iscalled "Friends." So the only letters Raczka usedin the poem were F, R, I, E, N, D and S. Here is what he came up with:
"Fred
Finds
Ed."

## Day 6 - Different Types of Poems

| Acrostic | Cinquain | Diamante | Free Verse |
| :---: | :---: | :---: | :---: |
| Vanilla <br> As I eat it on my brownie Not doubting it's sweet Ice cream is a tasty treat Lots of lingering taste Lasting to the end Always my favorite! | Flowers <br> Pretty, fragrant Waiting, watching, weeding Enjoying all the while they grow Gardens | Home <br> Safe, caring <br> Loving, sharing, talking Friendship, food, car, travels Living, loving, enjoying Joyous, adventurous Family | What do the oceans do at night? <br> Do they tease and tickle the bottom of boats? <br> Do they ripple away in fright? Or are the beaches like coats That keep them still and quiet And once the day breaks and it's breakfast time <br> Do the oceans wish for some other diet than fish? |

Source: http://web.archive.org/web/20130810150842/http://www.pbs.org/newshour/extra/features/ian-iune00/poetryboxformexamples.html

| Day 10 \& 14 - Poem | Day 16 - Poem |
| :---: | :---: |
| Firefly <br> By Jacqueline Woodson <br> It's almost May and yesterday I saw a firefly. <br> You don't see them a lot in the city. <br> Sometimes <br> in the park <br> in the near dark <br> one comes out <br> you'll hear <br> a little kid shout <br> Lightning bug! Firefly! <br> It's almost May <br> and yesterday <br> I caught a firefly in my hand. <br> First firefly I <br> seen in a <br> long, long time. <br> Make a wish, <br> Miss Edna said. <br> Make a good one. <br> Firefly wishes always come true. <br> Jacqueline Woodson, "Firefly" from Locomotion. Copyright© 2003 by Jacqueline Woodson. Used by permission of G. P. Putnam's Sons Books for YoungReaders, an imprint of Penguin Young Readers Group, a division of Penguin Random House LLC. Sourcevww.poetryfoundation.org | Turtle Came to See Me <br> By Margarita Engle <br> The first story I ever write is a bright crayon picture of a dancing tree, the branches tossed by island wind. <br> I draw myself standing beside the tree, with a colorful parrot soaring above me, and a magical turtle clasped in my hand, and two yellow wings fluttering on the proud shoulders of my ruffled Cuban rumba dancer's fancy dress. <br> In my California kindergarten class, the teacher scolds me: REAL TREES DON'T LOOK LIKE THAT. <br> It's the moment when I first begin to learn that teachers can be wrong. <br> They have never seen the dancing plants of Cuba. <br> Margarita Engle, "Turtle Came To See Me" from EnchantecAir. Text copyright © 2015 by Margarita Engle. Reprinted by permission of Atheneum Booksfor Young Readers, an imprint of Simon \& Schuster Children's Publishing Division. All rights reserved. <br> Source: www.poetryfoundation.org |

## Day 12 \& 14 - Prose

## Fireflies

Fireflies are bioluminescent insects. That means they produce their own light. They do this by combining chemicals in their bodies. When the chemicals mix with oxygen, fireflies light up the rear parts of their bodies. The purpose of this light is to help the firefly find a mate. Each species of firefly hasa special code. The code is made up of a pattern of light. It includes the number and length of flashes and the time between flashes. It also includes the flight pattern whileflashing. After mating, the female firefly lays about 100 eggs. When the eggs hatch, larvae emerge. The larvae are bioluminescent. They are sometimes called glowworms. The larvae eat during the spring, summer, and autumn months. They sleep through two winters. Then, they progress into the next stage of their lives. They crawl into the soil, where they metamorphose, or change, into pupas. After about two months, they emerge as adult fireflies. Firefly light is not hot. It is, however, very bright.In some countries, fireflies are used as lanterns. People also release firefliesat festivals. It is fun to watch their bright lightsflash in the night sky.

# Cuban-American poet takes readers on a visit to Cuba with writing 

By Washington Post, adapted by Newsela staff


Margarita Engle has returned to the island of Cubain recent years. Here, she poses with a statue of a Cuban poet named José Martí.Photo from: Curtis Engle by the Washington Post.

Margarita Engle grew up in America. When she was alittle girl, she took a trip each summer. She went to Cuba, an island country near Florida. She says that is where she fell in love with the outdoors.

Engle's mother's hometown is located in the middle of Cuba. The town sits near a large nature park. People go there tosee its waterfalls. Others go to ride horses. Engle loved riding, too.

## Becoming A Poet And Plant Scientist

Her visits to Cuba changed her life. They made her want to become a plant scientist and a poet. Now,Engle wants to share the power and beauty of Cuba with others through her poetry. She encourages young people to write down their emotions.

Engle has always liked poetry. She wrote her first poems at age 6. They were about the outdoors. She wrote a poem about the shapes of California hills. It even rhymed.

## Travel To Cuba

In 1960, the U.S. and Cuba began to have problems with each other. People could not travel between thetwo countries. Engle was 9 years old that year. She wouldnot be able to go back to Cuba for 30 years.

What changed? Cuba became a communist country. Communism is a set of ideas about how the government should work. The U.S. is not communist. For many years, theU.S. did not like any communist countries. So when Cuba became communist, the U.S. government stopped talking to the Cuban government. That made traveling to Cuba almost impossible.

## Writing Became A Way To Visit

Engle was sad she could not visit her grandmother. She wanted to see her aunts, uncles and cousins. She missed Cuba's hills and villages, too. So as a teen, Englewrote rhyming poems about nature. She also wrote stories about the people in Cuba.

Things have changed in the last few years. Now, itis easier to visit Cuba. Still, many Cuban-Americans have not gone back.

Some of Engle's books are set in Cuba. They tell aboutits people, markets and landscapes. "Forest World" is her most recent book. It is about a boy named Edver. He is1 years old. Edver lives in Miami, Florida, withis mother. One day he goes to Cuba to meet his Cuban family. He discovershe has an older sister. Then the two go on an adventure in the forest.

## Writing Is Therapy

Children who have been taken away from loved ones might understand how the characters feel. Engle saidit was important for her to write these stories. Not beingable to go back to Cuba was a very painful thing for her. Writing helped her feel better.
"When you sit down to write, it is just you and the words," she said.

AIR (Accountable Independent Reading) Graphic Organizers
Select which graphic organizer matches the genre of your book. Copy the graphic organizer onto notebook paper or print a full-size copy using this link: bit.ly/CMSBookLibrary.



