# INSTRUCTION WEEK OF MAY 11TH 2020

MS. KELLY'S SIXTH GRADE GLOBAL THINKERS

STUDENT OF THE WEEK:

- STUDENT OF THE WEEK FOR THE WEEK OF MAY 4TH 2020: **BRYAN** FOR ALWAYS ATTENDING ZOOM EVEN WITH ONLY HAVING ACCESS TO A CELL PHONE AND SUBMITTING WORK ALL WEEK. HOPEFULLY YOU CAN GET SOMETHING WITH A SCREEN SOON!

- STUDENT OF THE WEEK FOR APRIL 27TH 2020: **SAMANTA!** FOR ALWAYS ATTENDING ZOOM SESSIONS AND WORKING HARD TO SUBMIT WORK EACH DAY LAST WEEK!

- STUDENT OF THE WEEK **MARIO**! VERY PROUD OF YOUR DEDICATION TO ZOOM SESSIONS AND SUBMITTING WORK!

- NEW STUDENT OF THE WEEK FOR APRIL 13TH 2020: **KENIA** FOR SUBMITTING ALL WORK AND ALWAYS ATTENDING ZOOM SESSIONS ON TIME!

- NEW STUDENTS OF THE WEEK FOR THE WEEK OF APRIL 6TH 2020: **ANGEL AND JACQUELINE** THEIR WORK HAS BEEN AMAZING!!!!

- NEW STUDENTS OF THE WEEK FOR MARCH 30TH: KEVIN AND JAKE. STUDENTS OF THE WEEK FOR MARCH 23RD: **KENIA, DARWIN, AND ZEYDI.**
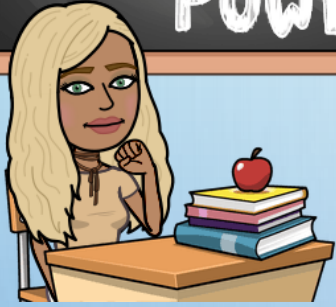
MORNING MESSAGE:

- GOOD MORNING! TODAY IS MONDAY MAY 11TH 2020. WE WILL HAVE MUSIC TODAY AT 10:40 A.M. WITH MR. DELLA-RATTA!

- THOSE STUDENTS FOR SUBMITTING WORK OVER THE WEEKEND: JACQUELINE, DARWIN, KENIA, SAMANTA, ANGIE, ANGEL, MICHAEL, KEVIN, MARIO, AND BRYAN! YOU GUYS MAKE ME SMILE!

- TODAY WE WILL BEGIN DAY 17. (OLD INSTRUCTIONAL PLANS) I WILL NO LONGER BEING ACCEPTING WORK FOR DAY 15/ 16AFTER TODAY. ONCE A NEW WEEK BEGINS ALL OLD WORK SHOULD HAVE BEEN SUBMITTED.

- THIS WEEK WE WILL:

WE WILL BE READING, "WHY BIRDS WEAR BRIGHT FEATHERS" IN OUR RALLY READING BOOK THIS WEEK.

IN MATH WE WILL BE FINISHING THROUGH MODULE 12 GRAPHING POINTS AND WORKING ON RALLY BOOK LESSON 11.

IN SCIENCE WE WILL BE WORKING IN OUR MEASURING UP BOOKS ON LESSON 41: CLIMATES AND BIOMES.

IN SOCIAL STUDIES WE WILL CONTINUE READING "ANCIENT CHINA" FOUND ON OUR SCHOLASTIC APP.

2020 YEAR BOOK WRITING

o WHAT IS YOUR FAVORITE MEMORY AT BARACK OBAMA ELEMENTARY SCHOOL? EITHER THIS YEAR OR ANY YEAR YOU ATTENDED.

RALLY BOOK READING ASSIGNMENT: "WHY BIRDS WEAR BRIGHT FEATHERS" (PAGE 299-298)

- **LESSON: KEY IDEA AND DETAILS**

- **STANDARD:** RI.6.3 ANALYZE IN DETAIL HOW KEY INDIVIDUAL, EVENT, OR IDEA IS INTRODUCED, ILLUSTRATED, AN ELABORATED IN A TEXT.

- **OBJECTIVE:** I CAN IDENTIFY THE KEY DETAIL, INDIVIDUAL, OR EVENT IN A TEXT AND EXPLAIN HOW IT IS ELABORATED IN VARIOUS WAYS THOUGHT THE TEXT.

- **ENTRY TICKET:** LAST WEEK WE DISCUSSED DIFFERENT MEDIA THAT WAS DESIGNED TO ENHANCE UNDERSTANDING, BASED ON THE TITLE AND IMAGES, WHAT MIGHT THIS TEXT BE LACKING?

RALLY BOOK READING ASSIGNMENT: "WHY BIRDS WEAR BRIGHT FEATHERS."

- BEFORE READING, LET'S ANALYZE THE DIFFERENT SUB-HEADINGS PROVIDED AND THINK ABOUT HOW THEY ARE ALL CONNECTED THROUGH THE LARGER TEXT.

SUB-HEADING 1: YELLOW IS BETTER

SUB-HEADING 2: A BLACK CAP

SUB-HEADING 3: IS BLACKER BETTER?

RALLY BOOK READING ASSIGNMENT: "WHY BIRDS WEAR BRIGHT FEATHERS" (PAGE 296)

- WHAT IS THE OVERALL PURPOSE OF THE TEXT?

Why Birds Wear Bright Feathers

By Kevin McGraw and Geoffrey Hill, Ph.D.

1. Have you seen any colorful birds lately? Common backyard visitors such as cardinals, blue jays, and orioles make a parade of color. For years, scientists have wondered why little creatures, like songbirds, are so brightly colored, especially when their colors might make them more obvious to their predators.

2. Usually, the colorful birds we see are the males. For instance, in the familiar house finch, males are bright red, but females are brown. It turns out that female birds are attracted to the bright colors and prefer to mate with the most colorful male house finch they can find.

3. But why do females choose the brightest male? What does a male's color tell a female about him?

4. In many species, male and female birds work together to raise the young. Each female wants to choose the best male to help her. Might the colors of a male bird's feathers tell something about whether he'll be a good father?

Yellower Is Better

5. We are scientists who study how animals communicate with one another. We reasoned that a healthier male would make a better father. So we wanted to see if the feather colors of male birds say something about their health.

6. We studied the American goldfinch, a species in which females form pairs with the brightest-colored males. The neat thing about these birds is that the males display two different types of color in their feathers. Most of the body of a male goldfinch is covered in lemon-yellow feathers. These feathers have this color because they contain yellow carotenoid (kah-RAW-tin-oid) pigments, which also make carrots orange and autumn leaves colorful.

RALLY BOOK READING ASSIGNMENT: "WHY BIRDS WEAR BRIGHT FEATHERS" (PAGE 297)

How does each subheading connect to the overall text?

A Black Cap

7   The male goldfinch also has a nice round cap of black feathers on his head. These feathers are full of *melanin* (MEL-uh-nin) pigments, like the ones that color our hair and skin. Unlike males, females grow only a small patch of yellow feathers on their bodies and do not have black caps.

8   The difference between carotenoid pigments and melanin pigments is that animals can't make their own carotenoids. Birds can make their own melanin pigments. But to grow red, orange, or yellow feathers, birds must eat fruits, berries, and seeds that have carotenoid pigments.

9   So, do these two types of color—carotenoid and melanin—tell how healthy a male goldfinch is?

10   To find out, we studied a stomach parasite that can make these birds sick as they are growing their colorful feathers. Growing new feathers requires a lot of energy, so males that are sick with parasites may not be able to put as many colorful pigments into their growing feathers.

11   To run our experiment, we kept two groups of birds in cages when they were growing their bright feathers. In one group, we treated the birds with medicine to get rid of their parasites so that the birds could be healthy. In the other group, we did not protect the birds from parasites.

12   When the finches had finished growing their feathers, we compared the colors of the two groups of males. We found that the males in the parasite-free group had grown brighter-yellow feathers than the males that weren't as healthy. So, by choosing the yellowest males, females get the healthiest mates.

RALLY BOOK READING ASSIGNMENT: "WHY BIRDS WEAR BRIGHT FEATHERS" (PAGE 29)

Is Blacker Better?

13 When we looked at the black feather patches, we discovered something very different. The healthiest males didn't grow the largest or blackest caps. The black feathers didn't tell anything about how sick the parasites made the birds.

14 What are the black feathers for, then? Well, in many birds, these melanin patches are related to how aggressive males are and how willing they are to compete for territories or mates. The bigger the black patch, the better fighters they are. So it seems that the black (melanin) feathers may say something entirely different from the carotenoid feathers. In fact, the black cap may tell other males: "Stay out of my territory!"

15 Now that scientists know that birds can send different messages to one another with different types of color, what's next? Birds have a third type of color—"structural" color—which makes feathers blue or iridescent. Naturally, now we wonder: "What messages do structural colors send?"

RALLY BOOK READING ASSIGNMENT: "WHY BIRDS WEAR BRIGHT FEATHERS" (PAGE 299-298)

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- **EXIT TICKET:** WHAT IS THE OVERALL IDEA, EVENT, OR INDIVIDUAL THAT THE AUTHORS OF THIS PARTICULAR TEXT WANT US TO UNDERSTAND?

MODULE 12: REPRESENTING ALGEBRAIC RELATIONSHIPS IN TABLES AND GRAPHS

- **LESSON 4**: REPRESENTING ALGEBRAIC RELATIONSHIPS IN TABLES AND GRAPHS

- **STANDARD: 6.EE.C9** USE VARIABLES TO REPRESENT TWO QUANTITIES IN A REAL-WORLD PROBLEM THAT CHANGE IN RELATIONSHIP TO ONE ANOTHER; WRITE AN EQUATION TO EXPRESS ON QUANTITY, THOUGHT OF AS THE DEPENDENT VARIABLE, IN TERMS OF THE OTHER QUANTITY, THOUGHT OF AS THE INDEPENDENT VARIABLE.

- **OBJECTIVE:** I CAN USE VERBAL DESCRIPTIONS, TABLES, AND GRAPHS TO REPRESENT ALGEBRAIC RELATIONSHIPS.
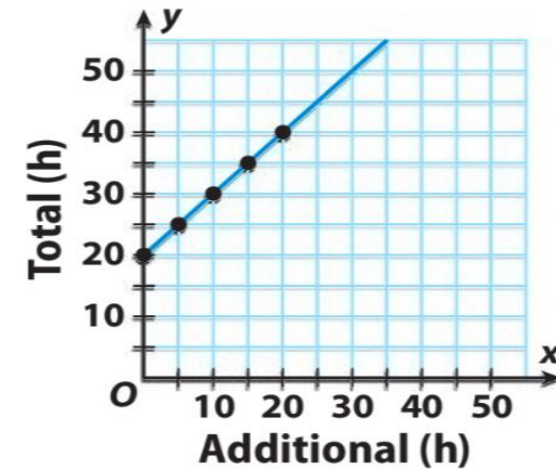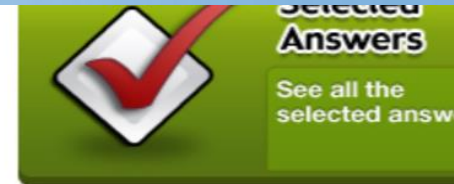
- **ENTRY TICKET:**

WRITE

YOUR

ANSWERS

IN THE CHAT.

Students at Mills Middle School are required to work a certain number of community service hours. The table shows the numbers of additional hours several students worked beyond their required hours, as well as the total numbers of hours worked.

5. Read the ordered pairs from the graph to make a table.

Additional hours					
Total hours					

6. Write an equation that expresses the total hours in terms of the additional hours.

RALLY BOOK PAGE 71 QUESTION 2

- EACH BATCH OF DOG TREATS MAKES 4 DOZEN. LISA CAN SELL 6 DOG TREATS FOR $10.

- PART A: ASSUME LISA MAKES THE MAXIMUM NUMBER OF BATCHES SHE CAN ON DAY 1. HOW MUCH WILL SHE EARN IF SHE SELLS ALL OF THE DOG TREATS SHE MAKES?

- PART B: AT THE FAIR, LISA RECEIVED ORDERS FOR 40% MORE THAN THE NUMBER OF BATCHES SHE MADE ON DAY 1. HOW MANY DOZEN DOG TREATS WILL SHE HAVE TO MAKE TO FILL THE ORDERS?

RALLY BOOK PAGE 71 QUESTION 3

- ANDREA WANTS TO PAINT HER CLOSET. SHE WILL PAINT THE WALLS AND THE DOOR THE SAME COLOR. THE CLOSET MEASURES 2 YARDS BY 1.5 YARDS. THE CEILING IS 8 FEET HIGH.

PART A: FIND THE TOTAL AREA OF THE WALLS IN HER CLOSET, INCLUDING THE DOOR, USING THE FORMULA A = LENGTH X WIDTH.

PART B: EACH CAN OF PAINT COVERS 350 SQUARE FEET OF SURFACE. WILL SHE HAVE ENOUGH TO PUT 2 COASTS OF PAINT ON THE WALLS AND DOOR OF HER CLOSET? EXPLAIN YOUR ANSWER.

GO MATH ONLINE STUDENT BOOK

- STUDENTS WILL COMPLETE MODULE 12 LESSON 4 BY FOLLOWING ALONG ONLINE WITH THE STUDENT ONLINE WORK BOOK AND THEIR MATH NOTEBOOK.

WORK DUE MONDAY MAY 11TH 2020

- **READING:** **RALLY BOOK READING,** "WHY BIRDS WEAR BRIGHT FEATHERS." (PAGES 296-298) READ, ANNOTATE, AND ANSWER MULTIPLE CHOICE QUESTIONS 1-6

- **MATH: RALLY BOOK MATH** LESSON 11. READ THE INSTRUCTIONAL PAGES 73-76. ANSWER MULTIPLE CHOICE QUESTION 5 . EXPLAIN YOUR THINKING AND PROCESS.

- **SCIENCE: MEASURING UP BOOK** LESSON 41: CLIMATES AND BIOMES (PAGES 263-266) READ, ANNOTATE, AND ANSWER THE GUIDED QUESTIONS.

- **SOCIAL STUDIES: SCHOLASTIC APP:** READ THE TEXT "ANCIENT CHINA." ANSWER THE FOLLOWING QUESTIONS BASED ON THE SUB-HEADING "BUILDING AN EMPIRE": (PAGE 31)

    1. WHAT IS A REFORM?

    2. WHAT WAS ONE OF HIS REFORMS? WHY IS THIS IMPORTANT?

    3. WHY DID THEY NEED TO USE THE SAME CURRENCY?