Summer Packet 2020
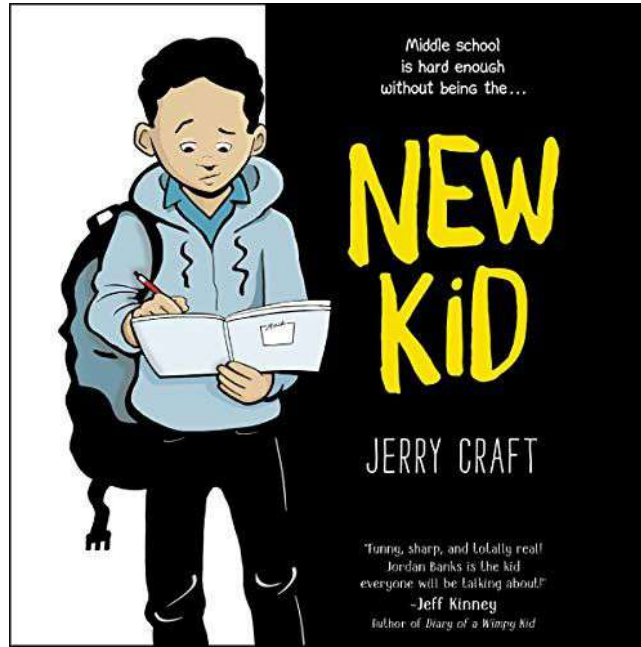

1. ELA Reading Assignment
2. Math Calendar
3. Social Studies
4. Science

Name:_____

1. ELA

<u>*Listen to the story "New Kid" and complete activities highlighted in yellow</u>

Activity 1:

New Kid is a story about the challenges of middle school life and Jordan's continuously evolving identities. He grapples with questions like "Who am I?", "Why am I me?", "What is important to me?", and "Who will I be?" Can you identify moments in the story where Jordan seems to be wrestling with his multiple identities? Jordan is many things and his identity is not static, despite the social pressures that make it feel that way. Our own identities are multiple and evolving.
Draw a "Cultural X-Ray" of yourself, in which you label the outside of your body with aspects of your culture that are evident to others, such as language, age, ethnicity, gender, and religion, and the inside with the values and beliefs that you hold in your heart.

Activity 2:

One of the most important patterns in the story is the way in which White teachers mistake characters of color for other characters by calling them by the wrong name. This is called a microaggression. Define the term microaggression using Merriam-Webster or another source. Then write about a time when you experienced, witnessed, or committed a microaggression.

2. Math

Complete the following Math problems for each day of the week

JULY

Summer Math Calendar

Directions: Follow the daily activities to practice different math concepts. Please complete all of the work inside the box. If you don't have enough space, do the work on the back and write the final answer in the box. When the work is completed, have a parent sign the bottom of the calendar. This calendar will be collected on the 1st day of School.

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	Continue the pattern and write the rule. 93,308 94,313 95,318 _____ _____ Rule: _____	What are the factors of 36?	Use the digits 1 4 7 6 to form the greatest four-digit even number and the least four-digit odd number. Greatest _____ Least_____	The area of a square is 81 square centimeters. Find its perimeter.	What is the sum of 3/6 and 4/6? Show your work and write the sum and as mixed number.

Week 2	Find the difference between 7/12 and 2/3? Show all of your work.	I am a 4-digit number. The digits in my hundreds and tens place are the same. Their sum is 8. The digit in the ones place is the greatest possible digit. The digit 3 is in the thousands place. ____, ___ ___ ___	How many minutes are in 24 hours? How many seconds?	721 x 54 (Show your work)	
Week 3	Make flashcards for the multiplication facts 2 through 12. Practice your multiplication flashcards.	Write 2.37 as a mixed number.	Round 1,854 to the nearest thousand.	Change 3.45 into a fraction.	Which is the greater fraction? 7/8 or 5/6

Week 4	Caroline ate 2 2/3 pieces of pizza. You ate 3 2/3 pieces. How much pizza did you eat altogether?	If a calculator costs $21 and a pack of batteries costs $7, how many times greater is the calculator than the pack of batteries?	Write a decimal for the model.	Harold made a rectangular dog run in his backyard. The area of the dog run is 96 square feet. What are three different possible dimensions of the dog run?	Round 756,072 to the nearest hundred. Write a number that is greater than 756,072 that rounds to that same number.

Student Name:_____ Parent Signature:_____

AUGUST

Summer Math Calendar

Directions: Follow the daily activities to practice different math concepts. Please complete all of the work inside the box. If you don't have enough space, do the work on the back and write the final answer in the box. When the work is completed, have a parent sign the bottom of the calendar. This calendar will be collected on the 1st day of School.

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	What is the missing digit in this equation:	Ray has a pizza divided into 8 slices. He ate 3 slices. Katie has a pizza that is the same size but she ate 1/4 of the pizza. Who ate more pizza?	Last year, the local animal shelter found homes for 12,308 dogs and 7,953 cats. What is the total number of dogs and cats the animal shelter found homes for last year?	1. What are the missing multiples: 6, ___, ___, 24, 30, 36, ___, 48, ____ 2. Mix your multiplication flashcards and practice.	Use <, >, or = to compare 0.36 and 0.4.
Week 2		The tallest man alive is 99 inches tall. About how many feet tall is he? How tall is he in feet and inches (Hint: If I'm 63 inches tall, I am 4 feet 3 inches tall)?	Use the numbers 5, 3, 2, 8, 6, and/or 4 to complete the number sentence. Each can only be used once!	Gary pays for his lunch with a $10.00 bill. He receives 4 dollars, 3 quarters, 1 dime and 4 pennies in change. How much did his lunch cost?	Play Division with Remainder Go to http://www.math-play.com Choose 4th Grade Math Games Choose Division with Remainder

Week 3	Draw a square with side lengths of 4 inches. What is its area and what is its perimeter? If you double the side lengths, what happens to the perimeter? Does the same thing happen to the area?	Melissa is studying plant growth for her science fair project. Her plant grew 5/6 of an inch each week for 4 weeks. How many inches did the plant grow in all? Between what two whole numbers does the plant growth lie?	Measure the distance you can jump from a standing position. Record the distance of 5 jumps. List the distance of each jump. What is your total?	What is the product of 2,342 and 5? Show your work.	Put these fractions in order from least to greatest. Show or explain how you know. 5/6 3/8 1/5
Week 4	Kate's family saved 2,573 pennies last year. Zoe's family saved 3 times as many. How many pennies did Zoe's family save last year?	An office supply store sold 310,409 pencils last year. What is the expanded form of 310,409.	Mark wrote this pattern on his paper. 3x6=18 3x60=180 3x600= 1,800 3x 6,000 = _____What is the unknown number in Mark's pattern?	Ling's parents buy 4 tickets for the nature museum. Each ticket costs $13. What is the total cost of the 4 tickets?	Cassie wrote some numbers in a number pattern. 14, 17, 12, 15, 10, 13, 8, 11 What should be the next number in her pattern?

3. Social Studies

Name _____

Date_____

State Capitals

Use this worksheet to find all of the state capitals and list them on the blank spaces below. Also, label the nation's capital on the blank space beside the District of Columbia.

Alabama_____

Alaska_____

Arizona_____

Arkansas_____

California_____

Colorado_____

Connecticut_____

Delaware_____

District of Columbia_____

Florida_____

Georgia_____

Hawaii_____

Idaho_____

Illinois_____

Indiana_____

Iowa_____

Kansas_____

Kentucky_____

Louisiana_____

Maine_____

Maryland_____

Massachusetts_____

Michigan_____

Minnesota_____

Mississippi_____

Missouri_____

Montana_____

Nebraska_____

Nevada_____

New Hampshire _____

New Jersey_____

New Mexico_____

New York_____

North Carolina_____

North Dakota _____

Ohio_____

Oklahoma_____

Oregon_____

Pennsylvania_____

Rhode Island_____

South Carolina_____

South Dakota _____

Tennessee_____

Texas_____

Utah_____

Vermont_____

Virginia_____

Washington_____

West Virginia _____

Wisconsin_____

Wyoming _____

Name _____

Date_____

State Nicknames

The 50 states have colorful nicknames. Use this worksheet to find all of the state nicknames and list them on the blank spaces.

Alabama_____

Alaska_____

Arizona_____

Arkansas_____

California_____

Colorado_____

Connecticut_____

Delaware_____

Florida_____

Georgia_____

Hawaii_____

Idaho_____

Illinois_____

Indiana_____

Iowa_____

Kansas_____

Kentucky_____

Louisiana_____

Maine_____

Maryland_____

Massachusetts_____

Michigan_____

Minnesota_____

Mississippi_____

Missouri_____

Montana_____

Nebraska_____

Nevada_____

New Hampshire _____

New Jersey_____

New Mexico_____

New York_____

North Carolina_____

North Dakota _____

Ohio_____

Oklahoma_____

Oregon_____

Pennsylvania_____

Rhode Island_____

South Carolina_____

South Dakota _____

Tennessee_____

Texas_____

Utah_____

Vermont_____

Virginia_____

Washington_____

West Virginia _____   Wisconsin_____   Wyoming _____

Which state does not have an official nickname? _____

Research this state's history. What nicknames has the state used in the past?

_____

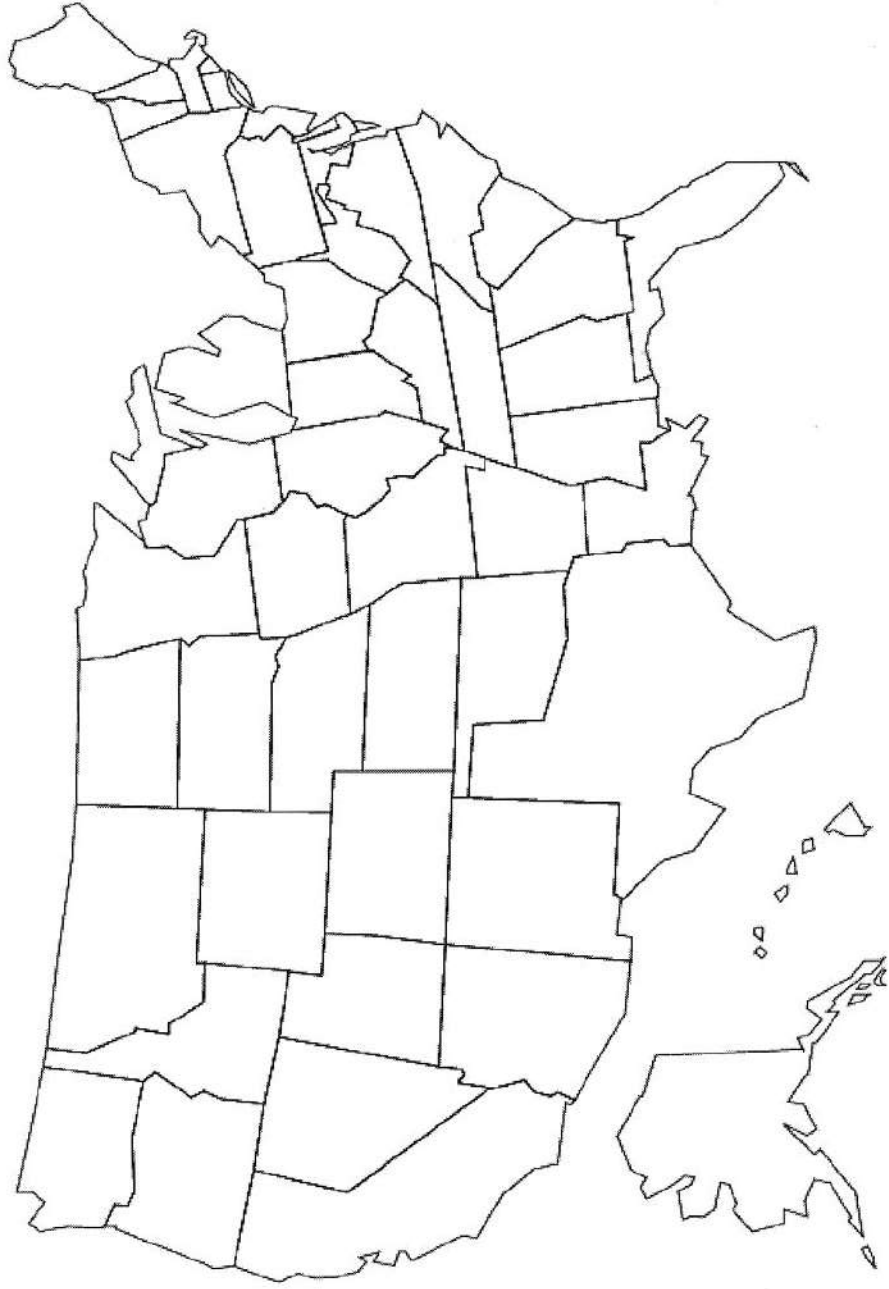_____

_____

_____

The United States of America

Label each state on the map with its abbreviation.

4. Science

T6 Science Summer Project

(2 Pages)

ENDANGERED SPECIES POSTAGE STAMP AND RESEARCH:

Over the summer you are to research an endangered species and conduct research on it in order to write a 5 paragraph (or 10 sentences) research report that follows the attached outline. You will use this information along with your imagination and creativity to design a postage stamp that will help bring attention to the organism that you selected.When choosing the organism you are going to report on, you might want to consider a unique species, as each student will present a different organism in class the first week of school. The stamp can be on and made of any suitable medium, but **_must be 8.5 x 11 inches and should be used as the cover for your report_**.

STAMP MUST INCLUDE

1. IMAGE OF ORGANISM IN ITS HABITAT
2. COUNTRY WHERE THIS ORGANISM CAN BE FOUND.
3. CURRENCY OF THE COUNTRY IT IS FOUND IN.

RESOURCES:

Research web pages: there are others, but these will get you started

- http://www.wildaid.org
- http://www.worldwildlife.org
- http://www.ecologyproject.org

- http://www.endangeredspecies.com
- http://www.nrdc.org/wildlife
- http://www.fws.gov/endangered
- http://www.scvas.org

PAGE 1 of 2

RESEARCH PAPER OUTLINE:

Your research paper must be typed in font size 12, with double spacing. Plagiarized essays will receive 0 points.

PARAGRAPH (or 2 sentences) 1 INTRODUCTION
- What is your animal's common and scientific name?
- Is your animal carnivore, herbivore, or omnivore?
- What interesting facts or characteristics does your animal have that made you want to complete the project on it.

PARAGRAPH (or 2 sentences) 2- HABITAT. The country/ continent the organism is found on and what type of biome must be described. Describe how the animal has adapted to its environment.

PARAGRAPH (or 2 sentences) 3- DIET. What type of food do they eat and what special adaptations do they have to acquire their food. Are they preyed on by other animals or are they predators?

PARAGRAPH (or 2 sentences) 4- Explain why your animal is considered endangered. How many of the species are left? Is there a specific organization setup to help protect them? Identify ways we, as individuals, can help in the effort to save them?

PARAGRAPH (or 2 sentences) 5- CONCLUSION. Bring it all together.

POINT DISTRIBUTION FOR PROJECT:

TIMELY SUBMISSION OF PROJECT : 5pts

RESEARCH PAPER REPORT: 20pts (4 pts per category)

SOURCES LISTED: 6pts

STAMP CURRENCY: 4pts (must be in the denomination of the country where the organism is native to)

CREATIVITY: 5pts

NEATNESS: 5pts

PRESENTATION: 5pts (should be clear and concise with appropriate eye contact with audience)