WeLCOmE tO 4th GrAdE!

Dear Parents of Incoming Fourth Grade,

My prayers are with you and your families this summer during this time of stress, worry, and anticipation of the unknown. Please let me know if you need any extra prayers or assistance.

Although summer is an important time for rest and relaxation, it is very important that we keep our brains sharp and challenged! In addition, I would like the transition to fourth grade to be smooth and successful for all your children. Daily reading and review of Math skills reinforces and builds upon what they know, and research has shown that this practice helps maintain and increase what they have learned over the school year!

Math:

- Addition/Subtraction/Multiplication Facts MUST BE memorized and mastered by the time students come to the fourth grade.
- I am including a math packet that must be finished before the beginning of school.

Reading:

- Choose a biography book for your child. Complete the "Biography Book Report" project.

English/Language Arts:

- "Queen of Apostles' Own Advertising Expert" project! Please review and submit digitally to me once finished.
- Your child will need to submit both the video presentation and the script to me for full credit.

Social Studies/Science (Optional Project):

- "Expert" research project. This enrichment opportunity will make your child into an expert on one topic in either science or social studies. Your topic must be approved by me!

Suggestions:

- Summer Quest Workbook – can be purchased at teacher stores, such as Lakeshore Learning!
    - This emphasizes skills in many subject areas to help students in reviewing important skills. Checking work at regular intervals and correcting errors immediately is crucial for this type of summer work.
- Exploring museums and diving into Virginia History (many museums are providing virtual experiences!)!
- Writing postcards and letters to friends and relatives
- Websites for your child:
    - https://mathusee.com/e-learning/drills/
    - https://www.factmonster.com/math/flashcards
    - IXL.com

My prayers and thoughts are with you all this summer! I am looking forward to the school year with you all! ☺ Enjoy the sun, the restful days, and the warm weather!

Miss Walker

Multiplying by 3, 4 and 6 (A)

Name: _____

Date: _____

Calculate each product.

7 ×3	9 ×3	2 ×3	9 ×6	11 ×6	3 ×4	12 ×6	5 ×6	8 ×6	9 ×4
2 ×6	7 ×6	7 ×4	1 ×6	8 ×3	11 ×4	3 ×6	6 ×3	6 ×6	1 ×4
4 ×3	10 ×6	6 ×4	8 ×4	1 ×3	4 ×6	10 ×3	4 ×4	12 ×4	12 ×3
5 ×3	3 ×3	2 ×4	11 ×3	5 ×4	10 ×4	7 ×4	10 ×6	5 ×3	1 ×4
10 ×4	12 ×6	11 ×4	2 ×6	9 ×3	6 ×6	3 ×6	1 ×6	6 ×3	8 ×3
3 ×4	10 ×3	12 ×4	12 ×3	2 ×4	4 ×6	9 ×6	4 ×4	1 ×3	7 ×3
5 ×6	9 ×4	11 ×6	8 ×6	7 ×6	3 ×3	5 ×4	8 ×4	11 ×3	4 ×3
6 ×4	2 ×3	12 ×3	3 ×4	1 ×3	5 ×4	12 ×6	5 ×6	8 ×6	10 ×3
5 ×3	11 ×3	3 ×6	7 ×6	11 ×6	6 ×6	7 ×3	9 ×6	7 ×4	8 ×3
11 ×4	3 ×3	6 ×3	9 ×4	6 ×4	4 ×6	2 ×4	2 ×6	9 ×3	10 ×4

Multiplying by 0, 1, 2, 5 and 10 (A)

Name: _____

Date: _____

Calculate each product.

8 × 5	3 × 1	10 × 0	8 × 1	5 × 5	11 × 1	2 × 5	4 × 2	1 × 10	6 × 5
3 × 10	12 × 0	12 × 10	3 × 5	9 × 0	10 × 5	2 × 1	4 × 1	3 × 0	8 × 0
6 × 2	9 × 2	5 × 0	10 × 10	2 × 2	1 × 1	10 × 2	1 × 0	4 × 5	1 × 2
1 × 5	2 × 0	5 × 2	11 × 5	7 × 1	6 × 0	8 × 2	7 × 10	9 × 5	7 × 5
3 × 2	6 × 1	2 × 10	12 × 2	9 × 1	10 × 1	11 × 0	11 × 2	7 × 2	4 × 0
11 × 10	7 × 0	9 × 10	5 × 1	12 × 5	4 × 10	12 × 1	8 × 10	5 × 10	6 × 10
5 × 2	7 × 1	2 × 2	7 × 2	4 × 10	4 × 0	4 × 2	7 × 10	10 × 0	11 × 10
3 × 2	3 × 0	12 × 2	8 × 5	8 × 2	12 × 1	12 × 10	3 × 1	9 × 0	11 × 0
12 × 0	2 × 5	6 × 0	10 × 2	5 × 0	7 × 5	2 × 0	1 × 10	3 × 5	2 × 10
6 × 2	3 × 10	2 × 1	6 × 10	1 × 0	1 × 5	1 × 1	9 × 1	4 × 1	10 × 10

Multiplying by 6 and 7 (A)

Name: _____   Date: _____   Score: ____ /100

Calculate each product.

6 × 9	7 × 8	3 × 6	7 × 7	2 × 7	7 × 11	7 × 12	7 × 6	7 × 4	6 × 1
6 × 10	7 × 5	6 × 3	6 × 2	6 × 4	9 × 6	6 × 11	6 × 6	7 × 8	7 × 12
10 × 7	7 × 1	5 × 6	6 × 7	6 × 11	6 × 6	2 × 7	7 × 10	5 × 7	8 × 6
7 × 12	7 × 7	6 × 3	6 × 4	1 × 6	9 × 6	10 × 6	7 × 11	1 × 7	7 × 7
5 × 7	2 × 7	12 × 6	6 × 7	7 × 3	9 × 6	8 × 6	6 × 4	9 × 7	7 × 3
7 × 10	12 × 7	8 × 6	7 × 4	6 × 6	7 × 5	6 × 7	6 × 11	1 × 7	2 × 6
3 × 7	11 × 6	6 × 7	6 × 8	9 × 7	7 × 1	6 × 7	7 × 4	5 × 7	10 × 6
2 × 7	12 × 6	6 × 7	6 × 9	4 × 7	3 × 7	11 × 6	10 × 7	1 × 6	7 × 8
6 × 6	7 × 5	12 × 7	2 × 6	3 × 7	6 × 11	5 × 6	9 × 6	6 × 4	7 × 7
6 × 1	6 × 2	7 × 12	6 × 6	6 × 8	7 × 10	7 × 3	7 × 1	4 × 7	7 × 2

Multiplying by 7 and 8 (A)

Name: _____

Date: _____

Score: _____ /100

Calculate each product.

4 × 7	7 × 7	7 × 3	1 × 7	12 × 8	8 × 8	7 × 9	5 × 8	11 × 7	7 × 10
8 × 6	2 × 8	8 × 12	7 × 4	10 × 7	11 × 7	2 × 7	6 × 8	8 × 1	8 × 5
7 × 8	9 × 8	8 × 8	3 × 8	11 × 7	7 × 8	7 × 6	4 × 7	8 × 10	9 × 8
8 × 7	7 × 3	2 × 8	8 × 12	5 × 7	1 × 7	8 × 12	8 × 2	4 × 8	5 × 8
3 × 8	8 × 6	8 × 8	7 × 8	8 × 11	10 × 7	9 × 7	7 × 1	5 × 7	7 × 11
8 × 6	12 × 7	10 × 7	8 × 7	7 × 4	2 × 8	7 × 3	7 × 8	7 × 1	7 × 9
5 × 7	6 × 8	7 × 11	2 × 7	3 × 8	4 × 7	8 × 10	1 × 8	7 × 7	8 × 8
7 × 12	7 × 9	12 × 7	10 × 8	6 × 7	7 × 7	8 × 4	8 × 3	5 × 7	8 × 2
8 × 11	9 × 8	1 × 7	8 × 8	8 × 6	7 × 8	8 × 11	9 × 7	4 × 8	1 × 8
7 × 5	2 × 7	7 × 12	3 × 8	7 × 8	8 × 10	1 × 8	2 × 8	7 × 3	4 × 8

Multiplying by 9 to 11 (A)

Name: _____   Date: _____   Score: ____ /100

Calculate each product.

9	9	9	11	5	7	9	10	9	9
× 1	× 8	× 12	× 3	× 11	× 11	× 10	× 2	× 11	× 6
4	9	3	11	10	12	9	9	2	4
× 9	× 9	× 9	× 9	× 5	× 9	× 10	× 8	× 10	× 11
9	11	9	6	11	9	11	7	6	11
× 1	× 10	× 7	× 11	× 2	× 5	× 11	× 11	× 10	× 4
10	11	1	9	9	9	10	9	7	3
× 9	× 12	× 9	× 10	× 8	× 3	× 10	× 10	× 11	× 11
11	2	6	8	1	5	11	4	9	12
× 11	× 9	× 11	× 9	× 9	× 9	× 12	× 10	× 6	× 10
10	9	10	11	8	11	9	9	11	9
× 2	× 11	× 1	× 11	× 11	× 7	× 10	× 3	× 4	× 5
3	10	11	11	6	7	4	5	10	10
× 9	× 1	× 8	× 11	× 9	× 11	× 11	× 9	× 9	× 10
2	9	9	9	9	11	9	3	11	11
× 11	× 12	× 6	× 9	× 12	× 11	× 1	× 10	× 10	× 5
4	8	11	2	7	4	11	9	3	2
× 10	× 9	× 7	× 10	× 11	× 10	× 9	× 1	× 11	× 10
12	9	9	5	10	10	10	3	1	4
× 9	× 6	× 11	× 9	× 8	× 9	× 2	× 11	× 11	× 9

Multiplying by 10 to 12 (A)

Name: _____　　　Date: _____　　　Score: ____ /100

_____　　　　　　_____

Calculate each product.

8	10	12	11	10	10	12	5	9	11
× 11	× 11	× 12	× 1	× 6	× 11	× 4	× 10	× 10	× 2
10	11	3	6	12	1	7	10	12	12
× 3	× 7	× 12	× 11	× 10	× 11	× 10	× 4	× 2	× 11
8	12	5	10	11	11	1	10	10	12
× 11	× 10	× 10	× 9	× 10	× 7	× 11	× 8	× 5	× 12
11	4	12	12	11	11	4	2	10	10
× 10	× 11	× 3	× 6	× 9	× 2	× 10	× 12	× 11	× 5
6	12	10	12	11	1	12	9	11	9
× 12	× 11	× 12	× 3	× 7	× 10	× 8	× 12	× 4	× 10
11	12	3	2	12	12	5	8	10	12
× 11	× 10	× 11	× 10	× 7	× 10	× 12	× 11	× 1	× 6
12	11	3	12	12	5	12	11	8	12
× 11	× 4	× 10	× 7	× 1	× 10	× 10	× 11	× 12	× 6
10	9	12	7	11	10	6	10	10	12
× 2	× 12	× 10	× 10	× 12	× 3	× 11	× 2	× 5	× 8
10	10	11	12	4	2	12	5	3	12
× 9	× 1	× 10	× 4	× 11	× 12	× 10	× 10	× 10	× 10
12	12	6	12	9	10	12	1	12	4
× 7	× 11	× 11	× 8	× 10	× 1	× 2	× 11	× 3	× 11

Name:

Date:

MATH SUMMER PACKET

Please complete the math facts pages and the following work to better prepare for 4th grade math!!

Subtraction Practice: Subtract using mental math.

1. 100 - 40 =
2. 800 - 300 =
3. 1600 - 500 =
4. 130 - 7 =
5. 1300 - 300 =

Estimate by rounding to the nearest 10 and then subtract.

6. 94 - 38 =
7. 66 - 48 =
8. 76 - 27 =
9. 52 - 13 =

Estimate by rounding to the nearest dollar and then subtract.

10. $5.60 - $1.76 =

11. $7.88 - $4.23 =

12. $10.13 = $3.76 =

432 - 387 _____	981 - 567 _____	841 - 445 _____	906 - 132 _____	656 - 465 _____
$98.09 - $34.76 _____	$10.09 - $09.43 _____	$81.32 - $76.88 _____	$41.09 - $23.79 _____	$56.78 - $31.44 _____

Place value: follow the steps to find each number.

13.   Write 6 in the ones place

    Write 4 in the thousands place

    Write 9 in the hundreds place

    Write 0 in the tens place

    Write 1 in the tens thousands place.

    _____ _____, _____ _____ _____

14.   Write 6 in the tens place

Write 4 in the ten thousands place

Write 9 in the hundreds place

Write 1 in the thousands place

_____ _____, _____ _____ _____

15.   What is the place value of the 9 in 901,456? _____

16.   What is the place value of the 8 in 80,321? _____

17.   What is the place value of the 1 in 307,331? _____

18.   Continue the pattern: 4,704; 4,714; 4,724, _____; _____;

_____

19.   Continue the pattern: 905; 895; 885; _____; _____;

_____

20.   Continue the pattern: 88; 245; 88; 246; 88; 247' _____;

_____; _____

21.   Write a number that is 1,000 more: 4,322: _____

22.   Write a number that is 100 more: 5,678: _____

23.   Write a number that is 1,000 less: 6,543: _____

24.   Write a number that is 100 less: 9,890: _____

25.   Add: 16,788 + 3,454 = _____

26.   Add: 43,099 + 32,342 = _____

27.   Add: $43.90 + $3.78 = _____

28.   My mom bought a bag of carrots. In the bag there were 123 carrots. She gave 15 to Billy and 23 to me. She plans to use the rest for dinner. How many are remaining?

_____

29.   If I had 4 quarters, 9 dimes, 3 nickels, and 3 pennies, how much money do I have total?

$_____

30.   If my brother had 7 quarters, 2 dimes, 5 nickels, and 8 pennies, how much money did he have?

$_____

31.   Who had more money? _____

32.   Write each number in standard form: one million, three hundred and twenty-one thousand, four hundred seventy-five:

_____

33.   Write each number in standard form: nine hundred and three thousand, six hundred fifty-two: _____

34.   Write each number in standard form: eight million, four hundred and eighty thousand, and twelve: _____

35.   Write each number in standard form: eight hundred thousand, seven hundred ninety-three: _____

36.   Write each number in word form: 9,870,321:

_____

_____

37.   Write each number in word form: 178,430:

_____

_____

38.   Write each number in word form: 659,446:

_____

_____

39.   Write each number in word form: 600,934:

_____

_____

40.   Write the fact families for the following sets of numbers:

45, 9, 5:

_____   _____   _____   _____

41.   Write the fact families for the following sets of numbers:

72, 9, 8:

_____   _____   _____   _____

42.   Write the fact families for the following sets of numbers:

90, 9, 10

_____   _____   _____   _____

43.   Write the fact families for the following sets of numbers:

35, 5, 7:

_____   _____   _____   _____

44.   Measure the length of the carin both inches and centimeters:
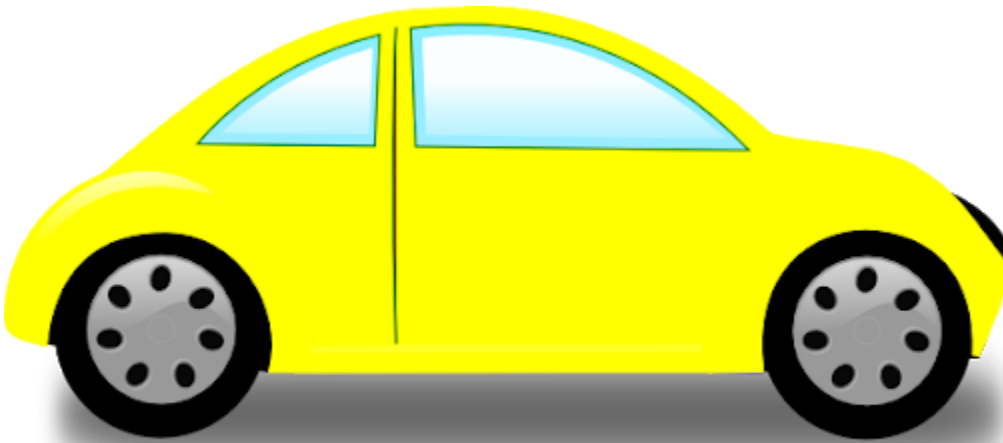
Inches:_____
Centimeters: _____

45.   The length of the line segment is roughly: _____ inches and
        _____ centimeters.

_____

46.   What is the length of each side?

   A   B

   [square diagram with vertices labeled A (top left), B (top right), C (bottom left), D (bottom right)]

   C   D
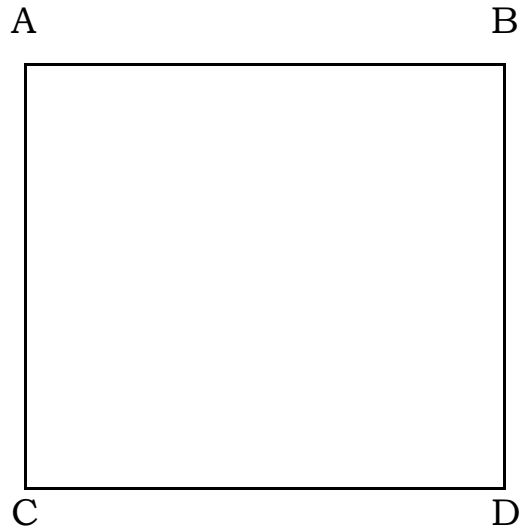
AB is about _____ inches

AC is about _____ inches

CD is about _____ inches

BD is about _____ inches

47.   What is the perimeter of the shape above? _____ inches

48.   What is the area of the shape above? _____ square
        inches

49.   Carefully draw the following line segment: 9 cm

50.   Carefully draw the following line segment: 4 ½ inches

51.   Carefully draw the following line segment: 3 cm shorter than 10 cm:

52.   Carefully draw the following line segment: 2 ½ longer than 5 ½
    inches:

53.   Draw a rectangle with the sides of 4 cm and 8 cm:

54.   What is the area? _____ square cm

55.   Draw a parallelogram with the sides of 3 inches and 2 inches:

56.   What is the perimeter of the parallelogram? _____ inches.

57.   Draw a rhombus with the sides of 5 cm:

58.   What is the perimeter? _____ cm.

59.   What is the area and perimeter of the following square (not drawn to scale)?

Area: _____

Perimeter: _____

19 inches
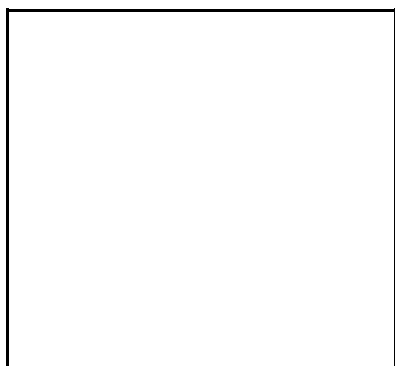
60.   Write each number as a fraction and a decimal: fifty-three hundredths

Fraction: _____ Decimal: _____

61.   Write each number as a fraction and a decimal: nine-tenths

Fraction: _____ Decimal: _____

62.   Write each number as a fraction and a decimal: eight tenths

Fraction: _____ Decimal: _____

63.   Write each number as a fraction and a decimal: seven hundredths

Fraction: _____ Decimal: _____

64.   Becca drove 26 miles on Saturday, 53 miles on Sunday, and 13 miles on Monday. How many miles did she drive in all?

_____

65.   Tom and Jerry each collected 45 stamps. They gave away 6 each to their parents. How many did they have left? _____

66.   The Smiths went on vacation to Italy! They spent $56 the first day, $43.55 the second day, and $35.77 the third day. How much did they spend in all? _____

67.   Write the name of the following shapes:

_____ _____ _____ _____

_____ _____ _____   _____
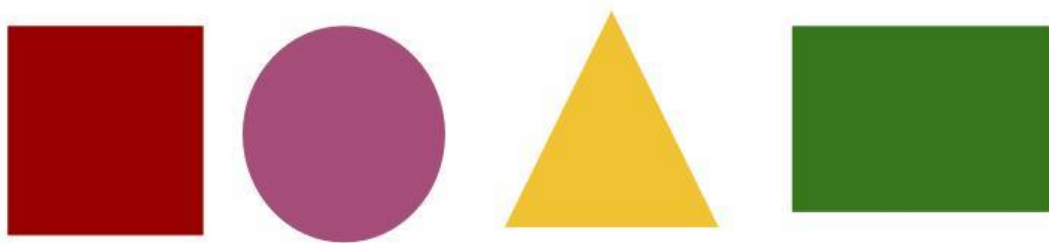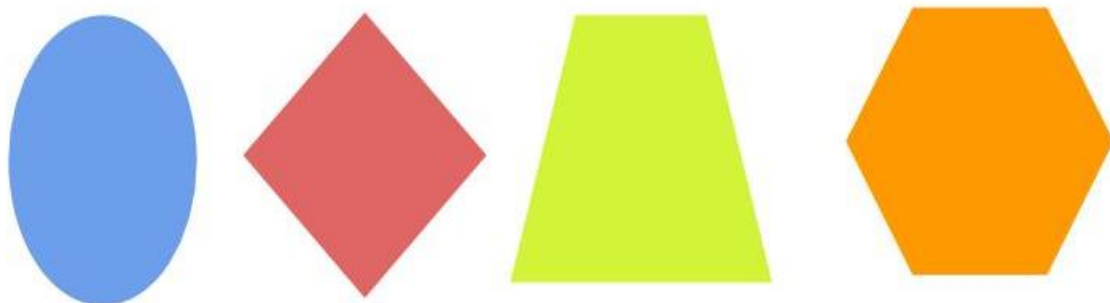
68.   Round to the nearest ten: 433: _____

69.   Round to the nearest ten: 2,349: _____

70.   Round to the nearest ten: 345,332: _____

71.   Round to the nearest hundreds: 3,456: _____

72.   Round to the nearest hundreds: 23,807: _____

73.   Round to the nearest hundreds: 678,993: _____

Queen of Apostles' Own Advertising Expert!

Focus: Parts of Speech!

Name:

Date:

Directions: You will complete the following steps to create your own advertisement.

- ❏ Brainstorm a product that you want to "sell." Ideas include:
    - ❏ Selling a vacation home
    - ❏ Selling a toy
    - ❏ Selling a computer
    - ❏ Idea (must be approved by Ms. Walker through email)
- ❏ Write a script on this project. Be sure to have a clear introduction and conclusion with strong persuading points in the middle of your script.
- ❏ Below is a checklist of the <u>parts of speech</u> that must be included in your script:
    - ❏ **Adjectives!**
        - ❏ Descriptive adjectives
            - ❏ <u>These are adjectives that describe nouns! Examples: tasty, tall, short, smelly, etc.</u>
        - ❏ Adjectives that tell how many
            - ❏ <u>These are numbers and words that tell about how many. Examples: one, several, many, fifteen, etc. .</u>
        - ❏ Proper adjectives
            - ❏ <u>These are adjectives that are based on specific names or places. Examples: American, Ethiopian, Mexican, Olymipian, etc.</u>
    - ❏ **Verbs!**
        - ❏ Past tense action verbs
            - ❏ <u>These are verbs that happened in the past. Examples: played, biked, danced, etc.</u>
        - ❏ Present tense action verbs
            - ❏ <u>These are verbs that are happening in the current time. Examples: play, bike, dance, etc.</u>
        - ❏ Future tense action verbs

- ❏ These are verbs that will happen in the future. Examples: will play, will bike, will dance, etc. ** they are joined by the helping verb of "will."
- ❏ Irregular action verbs
  - ❏ These are verbs that you cannot add "d" or "ed" to the end of them when you make them into the past tense. Examples: sing → sang, swim → swam, sit → sat, make → made, etc.
- ❏ Being/linking verbs
  - ❏ These are verbs that link together the subject to a word that describes the subject. Examples: am, is, are, was, were, etc. Example sentence: Ms. Walker **is** a teacher.
- ❏ **Nouns!**
  - ❏ Singular nouns
    - ❏ These are nouns that point out ONE person, place, or thing. Examples: girl, dog, house, student, etc.
  - ❏ Plural nouns
    - ❏ These are nouns that point out more than one person, place, or thing. Examples: girls, dogs, houses, students, etc.
  - ❏ Proper nouns
    - ❏ These are specific people, places, or things. They need to be capitalized! Examples: America, Mrs. Arias, the Olympics, etc.
  - ❏ Possessive nouns
    - ❏ These are nouns that "own" something else! They possess it! Examples: **Sarah's** car, my **grandpa's** sweatshirt, etc.
- ❏ **Adverbs!**
  - ❏ Adverbs that tell "how"?
    - ❏ These adverbs answer the question "how"? Example sentence: The boy ran swiftly in the race. How did he run? **Swiftly!**
  - ❏ Adverbs that tell "when"?
    - ❏ These adverbs answer the question "when"? Example sentence: The students raked the yard yesterday. When did they rake the yard? **Yesterday**!
  - ❏ Adverbs that tell "where"?
    - ❏ These adverbs answer the question "where"? Example sentence: The dog went outside to look for her bone. Where did the dog go? **Outside**!
- ❏ **Pronouns!**
  - ❏ Singular personal pronouns
    - ❏ These are pronouns that point out one person, place, or thing. Examples: she, he, it, you, me, I, etc.
  - ❏ Plural personal pronouns

- ❏ <u>These are pronouns that point out more than one person, place, or thing. Examples: we, us, they, them, etc.</u>
- ❏ Once you are finished with your script, please make a video presentation of your script. Ideas for video presentation:
  - ❏ Speaking at a podium (similar to a press conference)
  - ❏ Audio behind pictures
  - ❏ News room: pretend that you are being interviewed for your product on the news.
  - ❏ Make a commercial for your project.
- ❏ I will have a place for you to submit your video presentation on google classroom. Please do so before September 3, 2020.

Score _____/100

Category	10	8	6	4
Video Components x3	The student submits both a detailed and original video and script.	The student submits an original video and script.	The video or script are lacking.	The student fails to submit either the video or the script.
Organization	The video and script are easy to read and are well organized.	The video and script are mostly easy to read and are mostly organized.	The video and script are not well organized and therefore are hard to read.	There is little to no organization.
Use of graphics and pictures	Any pictures that the student uses are appropriate and useful for the presentation.	The pictures used are mostly appropriate and useful for the presentation.	The pictures are inappropriate or are distracting from the presentation.	The pictures are very distracting from the presentation.
Parts of Speech X3	The project contains the five highlighted parts of speech and all the requirements.	The project contains most of the parts of speech requirements.	The project is missing some of the parts of speech requirements.	The project is missing many of the parts of speech requirements.
Grammar/usage	The project always contains complete sentences and always demonstrates command of the conventions of formal English grammar and usage.	The project generally contains complete sentences and often demonstrates command of the conventions of formal English grammar and usage.	The project contains a number of incomplete/run-on sentences OR a number of mistakes in grammar and usage.	The project contains many incomplete/run-on sentences AND many mistakes in grammar and usage.
Creativity	The project is very creative and original.	The project is mostly creative and original	The project is lacking creativity.	The project has little to no creativity.

ATTENTION: IN NEED OF AN EXPERT!

Project: Optional/Extra Credit

This summer, you are given the opportunity to become an expert on ONE topic in SCIENCE or SOCIAL STUDIES. Please make sure that it is specific enough (for example, do not choose "planets," but rather, choose "why pluto was once a planet, but now is not").

Please see the following page for ideas. You must email me your topic idea, and I will give you permission on your topic.
(m.walker@queenofapostlesschool.org)

Once you choose your topic, you can research it thoroughly and become an EXPERT on it! You will be able to tell your friends all the random facts about your topic! Please research the <u>people</u>, <u>places</u>, <u>dates</u>, <u>causes</u>, <u>effects</u>, <u>problems</u>, <u>victories</u>, etc. that surround your topic.

Name:

Topic:

Check if approved by Ms. Walker: ☐

Score _____/80

Category	10	8	6	4
Organization	The project is easy to follow and is very organized.	The project is mostly organized.	The project is lacking organization.	There is little to no organization.
Format	The report is in the given format (powerpoint). The powerpoint has a title page	The report is mostly in the given format (powerpoint). The powerpoint has a title page	The powerpoint is missing a title page OR the student does not have it in the correct format	The powerpoint is missing a title page AND the student does not have it in the correct format
Use of graphics and pictures	Any pictures that the student uses are appropriate and useful for the project.	The pictures used are mostly appropriate and useful for the project.	The pictures are inappropriate or are distracting from the project.	The pictures are very distracting from the project.
Content X3	The project is accurate and contains many thorough details.	The project is clear and accurate. It is mostly detailed and thorough.	The project is lacking details and thorough information.	The project is lacking details and thorough information AND the content is not accurate.
Grammar/usage	The script always contains complete sentences and always demonstrates command of the conventions of formal English grammar and usage.	The script generally contains complete sentences and often demonstrates command of the conventions of formal English grammar and usage.	The script contains a number of incomplete/run-on sentences OR a number of mistakes in grammar and usage.	The script contains many incomplete/run-on sentences AND many mistakes in grammar and usage.
Creativity	The project is very creative and original.	The project is mostly creative and original	The project is lacking creativity.	The project has little to no creativity.