

RIISING 5th GRADERS WILL COMPLETE THE FOLLOWING SUMMER ASSIGNMENTS:

1. Math Packet DUE Friday, August 30th (This packet will count as a QUIZ GRADE. Remember to show your work!) Additional math practice, review links, and math facts are included.

2. Read Esperanza Rising and Complete Book Jacket Project DUE Friday, August 30th. (This project is worth 100 points. Please refer to the project instructions and rubric by Happy Teacher Happy Students ©2016. *)

3. Read a Saint Book of Your Choice and Prepare Notes DUE Friday, September 6th. (Please refer to the All Saint's Day Project Summer Reading for instructions and rubric.)

If rising 5th graders have any questions over the summer, please contact Mrs. McSorley at mmcsorley@stwillsschool.org.

* The Esperanza Rising Book Jacket Project by HappyTeachersHappyStudents©2016 is for use only in our 5th grade classroom. Copies are for rising 5th graders only.

5th Grade Summer Math Practice

It is very important to keep practicing all those wonderful math skills learned in 4th grade, as well as basic math facts. By 5th grade, all students should have memorized multiplication and division facts up to 12. Daily flashcards are highly recommended for students still working to meet this goal.

This summer, students will also complete the Rising 5th Grade Math packet which provides extra practice finding the Least Common Multiple (LCM) and Greatest Common Factor (GCF) of a set of numbers in addition to an overall review. **REMEMBER TO SHOW YOUR WORK!**

Anywhere Math:

GCF Instructional Video: <https://www.youtube.com/watch?v=y4MG3m5uJQg>

LCM Instructional Video: <https://www.youtube.com/watch?v=Ujq6HY5d4n0>

Math Antics:

Prime Factorization Video: <https://www.youtube.com/watch?v=XGbOiYhHY2c>

Comparing Fractions Video: https://www.youtube.com/watch?v=KNdUJQ_qd4U

Multiplication Facts

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

Division Tables

Division by 1	Division by 2	Division by 3	Division by 4	Division by 5	Division by 6
$0 \div 1 = 0$	$0 \div 2 = 0$	$0 \div 3 = 0$	$0 \div 4 = 0$	$0 \div 5 = 0$	$0 \div 6 = 0$
$1 \div 1 = 1$	$2 \div 2 = 1$	$3 \div 3 = 1$	$4 \div 4 = 1$	$5 \div 5 = 1$	$6 \div 6 = 1$
$2 \div 1 = 2$	$4 \div 2 = 2$	$6 \div 3 = 2$	$8 \div 4 = 2$	$10 \div 5 = 2$	$12 \div 6 = 2$
$3 \div 1 = 3$	$6 \div 2 = 3$	$9 \div 3 = 3$	$12 \div 4 = 3$	$15 \div 5 = 3$	$18 \div 6 = 3$
$4 \div 1 = 4$	$8 \div 2 = 4$	$12 \div 3 = 4$	$16 \div 4 = 4$	$20 \div 5 = 4$	$24 \div 6 = 4$
$5 \div 1 = 5$	$10 \div 2 = 5$	$15 \div 3 = 5$	$20 \div 4 = 5$	$25 \div 5 = 5$	$30 \div 6 = 5$
$6 \div 1 = 6$	$12 \div 2 = 6$	$18 \div 3 = 6$	$24 \div 4 = 6$	$30 \div 5 = 6$	$36 \div 6 = 6$
$7 \div 1 = 7$	$14 \div 2 = 7$	$21 \div 3 = 7$	$28 \div 4 = 7$	$35 \div 5 = 7$	$42 \div 6 = 7$
$8 \div 1 = 8$	$16 \div 2 = 8$	$24 \div 3 = 8$	$32 \div 4 = 8$	$40 \div 5 = 8$	$48 \div 6 = 8$
$9 \div 1 = 9$	$18 \div 2 = 9$	$27 \div 3 = 9$	$36 \div 4 = 9$	$45 \div 5 = 9$	$54 \div 6 = 9$
$10 \div 1 = 10$	$20 \div 2 = 10$	$30 \div 3 = 10$	$40 \div 4 = 10$	$50 \div 5 = 10$	$60 \div 6 = 10$
$11 \div 1 = 11$	$22 \div 2 = 11$	$33 \div 3 = 11$	$44 \div 4 = 11$	$55 \div 5 = 11$	$66 \div 6 = 11$
$12 \div 1 = 12$	$24 \div 2 = 12$	$36 \div 3 = 12$	$48 \div 4 = 12$	$60 \div 5 = 12$	$72 \div 6 = 12$

Division by 7	Division by 8	Division by 9	Division by 10	Division by 11	Division by 12
$0 \div 7 = 0$	$0 \div 8 = 0$	$0 \div 9 = 0$	$0 \div 10 = 0$	$0 \div 11 = 0$	$0 \div 12 = 0$
$7 \div 7 = 1$	$8 \div 8 = 1$	$9 \div 9 = 1$	$10 \div 10 = 1$	$11 \div 11 = 1$	$12 \div 12 = 1$
$14 \div 7 = 2$	$16 \div 8 = 2$	$18 \div 9 = 2$	$20 \div 10 = 2$	$22 \div 11 = 2$	$24 \div 12 = 2$
$21 \div 7 = 3$	$24 \div 8 = 3$	$27 \div 9 = 3$	$30 \div 10 = 3$	$33 \div 11 = 3$	$36 \div 12 = 3$
$28 \div 7 = 4$	$32 \div 8 = 4$	$36 \div 9 = 4$	$40 \div 10 = 4$	$44 \div 11 = 4$	$48 \div 12 = 4$
$35 \div 7 = 5$	$40 \div 8 = 5$	$45 \div 9 = 5$	$50 \div 10 = 5$	$55 \div 11 = 5$	$60 \div 12 = 5$
$42 \div 7 = 6$	$48 \div 8 = 6$	$54 \div 9 = 6$	$60 \div 10 = 6$	$66 \div 11 = 6$	$72 \div 12 = 6$
$49 \div 7 = 7$	$56 \div 8 = 7$	$63 \div 9 = 7$	$70 \div 10 = 7$	$77 \div 11 = 7$	$84 \div 12 = 7$
$56 \div 7 = 8$	$64 \div 8 = 8$	$72 \div 9 = 8$	$80 \div 10 = 8$	$88 \div 11 = 8$	$96 \div 12 = 8$
$63 \div 7 = 9$	$72 \div 8 = 9$	$81 \div 9 = 9$	$90 \div 10 = 9$	$99 \div 11 = 9$	$108 \div 12 = 9$
$70 \div 7 = 10$	$80 \div 8 = 10$	$90 \div 9 = 10$	$100 \div 10 = 10$	$110 \div 11 = 10$	$120 \div 12 = 10$
$77 \div 7 = 11$	$88 \div 8 = 11$	$99 \div 9 = 11$	$110 \div 10 = 11$	$121 \div 11 = 11$	$132 \div 12 = 11$
$84 \div 7 = 12$	$96 \div 8 = 12$	$108 \div 9 = 12$	$120 \div 10 = 12$	$132 \div 11 = 12$	$144 \div 12 = 12$

For additional math practice, simply visit:

Education.jlab.org/solquiz

1. Under Math Tests, select Math 4 (Those students having difficulty with Math 4 quizzes, may try Math 3 quizzes. Those students, who find Math 4 quizzes too easy, may want to try taking a Math 5 quiz for a challenge.)

2. For Number of Questions, select 20

3. Add Your Name - *you can use your first name and last initial or your first initial and last name.*

4. Click "I'm Ready! Let's Start"

Take the multiple-choice quiz. It will be helpful to have a pencil and scratch paper handy. The quiz will tell you immediately if you got the question correct and you can read the explanation if you miss the question.

Name _____

Choose the best answer.

1. Choose the value of the underlined digit.

643,291,005

- a. 40,000,000
- b. 400,000,000
- c. 40,000
- d. 4

6.
$$\begin{array}{r} 607 \\ \times 48 \\ \hline \end{array}$$

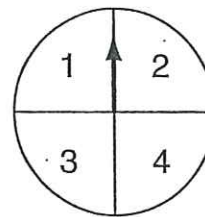
- a. 28,736
- b. 29,636
- c. 29,136
- d. 9336

2. Choose the mean.

346, 592, 876, 1398

- a. 3212
- b. 803
- c. 80
- d. 12,848

7. Choose the probability of the spinner landing on 3.



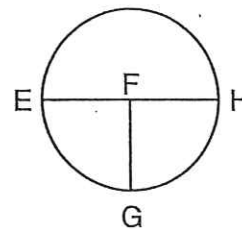
- a. 1 out of 4
- b. 2 out of 4
- c. 3 out of 4
- d. not given

3. Compare.

7 ft ? 96 in.

- a. <
- b. >
- c. =

8. Choose the diameter.



- a. \overline{EF}
- b. \overline{FH}
- c. \overline{FG}
- d. \overline{EH}

4. Choose the equivalent fraction.

$\frac{3}{4}$

- a. $\frac{2}{8}$
- b. $\frac{6}{8}$
- c. $\frac{4}{8}$
- d. $\frac{12}{8}$

9. $\frac{7}{10} - \frac{2}{5}$

- a. $\frac{5}{10}$
- b. $\frac{5}{5}$
- c. $\frac{1}{10}$
- d. $\frac{3}{10}$

5. $\frac{4}{12} + \frac{3}{4}$

- a. $\frac{10}{12}$
- b. $1\frac{1}{12}$
- c. $\frac{7}{4}$
- d. not given

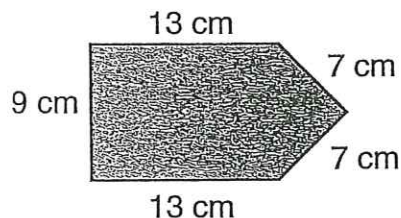
10. Name the figure.



- a. ray
- b. line
- c. line segment
- d. angle

Choose the best answer.

11. Choose the perimeter.



- a. 42 cm
- b. 49 cm
- c. 58 cm
- d. 40 cm

16. $779 \div 76$

- a. 10 R 19
- b. 10 R 29
- c. 9 R 95
- d. 9

12. $15 \overline{) \$45.75}$

- a. \$0.35
- b. \$3.05
- c. \$3.50
- d. not given

17. $26.5 - 0.63$

- a. 25.97
- b. 25.83
- c. 25.87
- d. not given

13. $33.25 + 0.16 + 215.8$

$$\begin{array}{r} 215.80 \\ 33.25 \\ + 0.16 \\ \hline \end{array}$$

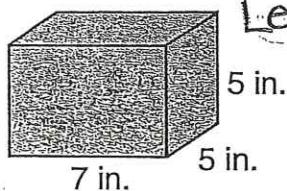
- a. 249.14
- b. 249.24
- c. 248.24
- d. not given

18. Choose the area.



- a. 84 sq cm
- b. 67 sq cm
- c. 42 sq cm
- d. 425 sq cm

14. Choose the volume. $\text{Volume} = \text{Length} \times \text{Width} \times \text{Height}$



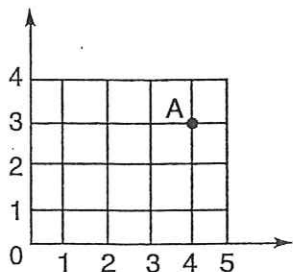
- a. 17 cubic inches
- b. 175 cubic inches
- c. 35 cubic inches
- d. not given

19. Choose the value of f .

$$3 \times (f + 9) = 3 \times (2 \times 5)$$

- a. 10
- b. 5
- c. 1
- d. 2

15. Choose the ordered pair that gives the location of point A.



- a. (3,4)
- b. (4,3)
- c. (3,3)
- d. (4,4)

20. Round to the nearest tenth.

83.06

- a. 83.06
- b. 83.6
- c. 83.1
- d. not given

Choose the best answer.

21. $\begin{array}{r} \$47.19 \\ + 35.82 \\ \hline \end{array}$

- a. \$83.01
- b. \$93.01
- c. \$22.91
- d. \$93.91

26. Choose the related division fact to find the value of m .

$8 \times m = 40$

- a. $40 \div 5 = 8$
- b. $40 \div 8 = 5$
- c. $40 \div 4 = 10$
- d. $40 \div 10 = 4$

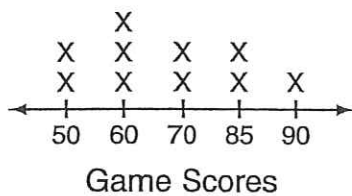
22. $\begin{array}{r} 9716 \\ - 2358 \\ \hline \end{array}$

- a. 7308
- b. 7408
- c. 7358
- d. not given

27. $\begin{array}{r} 8000 \\ - 5372 \\ \hline \end{array}$

- a. 3738
- b. 2738
- c. 2627
- d. 2628

23. Choose the range of the scores on this line plot.



- a. 40
- b. 60
- c. 70
- d. 71

28. Choose the rule.

Rule: ?	
Input	Output
6	54
8	72
9	81

- a. $+ 48$
- b. $\times 8$
- c. $\times 7$
- d. not given

24. Choose the greatest common factor (GCF) of 10 and 40.

- a. 2
- b. 5
- c. 10
- d. 20

29. $\begin{array}{r} 639 \\ \times 47 \\ \hline \end{array}$

- a. 30,033
- b. 30,003
- c. 29,023
- d. 29,833

25. Choose the value of the expression.
 $n - 44$, when $n = 70$

- a. 114
- b. 104
- c. 26
- d. 36

30. Compare.

$5000 \text{ g } \underline{\quad} 5 \text{ kg}$

- a. $=$
- b. $>$
- c. $<$

Choose the best answer.

31. 40×800

- a. 320
- b. 3200
- c. 32,000
- d. 320,000

36. Compare.

$$\frac{7}{12} \quad ? \quad \frac{3}{4}$$

- a. =
- b. >
- c. <

32. Complete the pattern.

5, 15, 12, 22, 19, ?

- a. 29
- b. 16
- c. 32
- d. not given

37. Choose the part of the number.

$$\frac{3}{5} \text{ of } 45$$

- a. 9
- b. 7
- c. 21
- d. 27

33. It is 18 minutes to 9 in the evening.
What time is it?

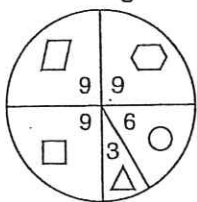
- a. 9:18 A.M.
- b. 9:18 P.M.
- c. 8:42 P.M.
- d. 8:52 P.M.

38. $24 \overline{)2544}$

- a. 16
- b. 106
- c. 1006
- d. not given

34. What fraction of students chose hexagon or square?

Favorite Design Pattern



- a. $\frac{1}{4}$
- b. $\frac{3}{4}$
- c. $\frac{1}{2}$
- d. not given

39. Choose the value of n .

$$23 \times n = 120 - 5$$

- a. 3
- b. 4
- c. 5
- d. 115

35. A set of CDs usually costs \$45.00.
Joan buys them on sale for \$36.75.
She pays with four \$10 bills. How much does she save?

- a. \$5.00
- b. \$3.25
- c. \$4.25
- d. \$8.25

40. **Tell About It**

Solve. Explain how you solved the problem.

Mark wants 3 shirts at \$7.59 each and 2 pairs of socks at \$3.75 each. If he has saved \$18.60, how much more money does he need?

Name: _____

Date: _____

Greatest Common Factor Worksheets

$54, 81 = \underline{\hspace{2cm}}$

$20, 14 = \underline{\hspace{2cm}}$

$63, 42 = \underline{\hspace{2cm}}$

$30, 21 = \underline{\hspace{2cm}}$

$40, 50 = \underline{\hspace{2cm}}$

$16, 24 = \underline{\hspace{2cm}}$

$81, 54 = \underline{\hspace{2cm}}$

$88, 66 = \underline{\hspace{2cm}}$

$21, 28 = \underline{\hspace{2cm}}$

$99, 77 = \underline{\hspace{2cm}}$

$8, 10 = \underline{\hspace{2cm}}$

$64, 72 = \underline{\hspace{2cm}}$

$21, 12 = \underline{\hspace{2cm}}$

$36, 81 = \underline{\hspace{2cm}}$

$96, 36 = \underline{\hspace{2cm}}$

$40, 48 = \underline{\hspace{2cm}}$

$48, 80 = \underline{\hspace{2cm}}$

$40, 28 = \underline{\hspace{2cm}}$

$80, 40 = \underline{\hspace{2cm}}$

$12, 30 = \underline{\hspace{2cm}}$

$18, 36 = \underline{\hspace{2cm}}$

Name: _____

Date: _____

Find Least Common Multiple (LCM) for each number set.

1) 2, 3 and 4 =

lcm: _____

2) 10 and 5 =

lcm: _____

3) 20 and 10 =

lcm: _____

4) 4, 2 and 6 =

lcm: _____

5) 2, 5 and 10 =

lcm: _____

6) 5, 7 and 10 =

lcm: _____

7) 4 and 2 =

lcm: _____

8) 3 and 2 =

lcm: _____

9) 5, 2 and 10 =

lcm: _____

10) 3, 5 and 7 =

lcm: _____

11) 5 and 10 =

lcm: _____

12) 4, 7 and 5 =

lcm: _____

13) 3 and 2 =

lcm: _____

14) 2 and 8 =

lcm: _____

15) 15 and 9 =

lcm: _____

16) 4 and 3 =

lcm: _____

17) 9, 3 and 6 =

lcm: _____

18) 2, 4 and 12 =

lcm: _____

19) 2, 10 and 4 =

lcm: _____

20) 9 and 6 =

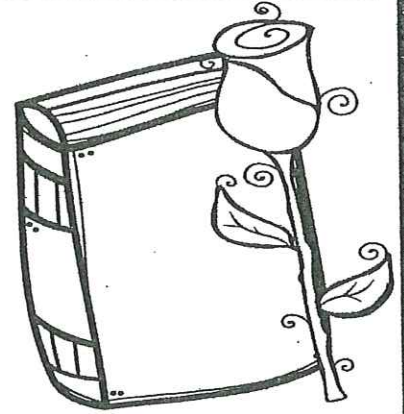
lcm: _____

Name: _____


Due Date: _____

Esperanza Rising

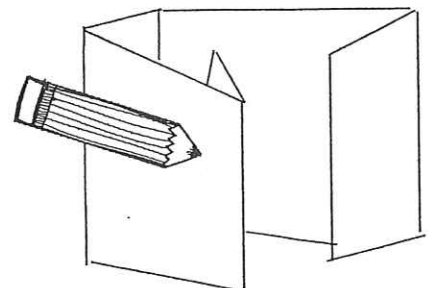
Book Jacket Project



The purpose of a book jacket is to entice the reader by showing them highlights of the book in words and pictures. Be careful not to give away the entire plot!

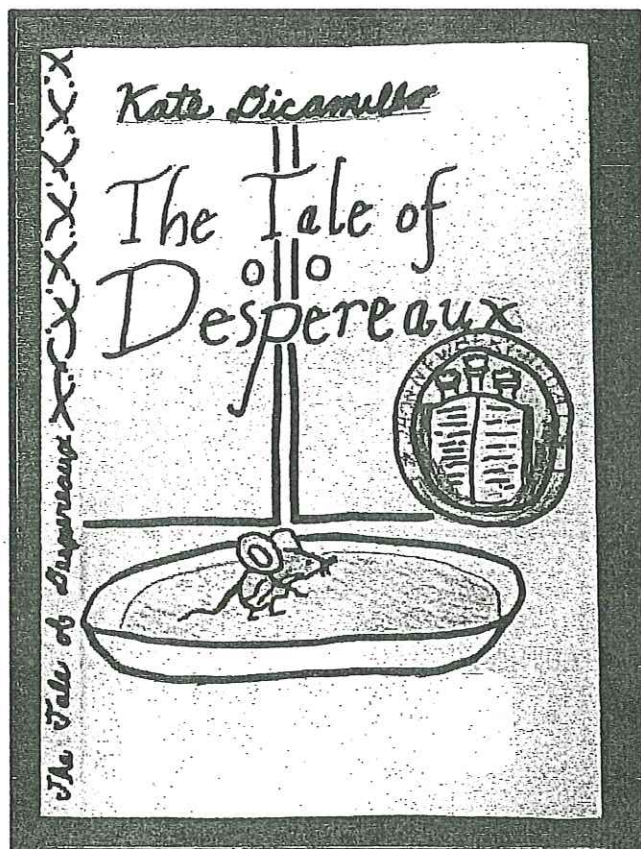
	REAR FLAP	BACK COVER	SPINE	FRONT COVER	FRONT FLAP
Designing Your Book Jacket	AUTHOR'S NAME	SUMMARY OF BOOK, BUT DON'T GIVE AWAY THE ENDING!	TITLE OF BOOK	TITLE AUTHOR'S NAME	BRIEF DESCRIPTION OF MAIN CHARACTER
	SUMMARY OF AUTHOR'S LIFE			CREATIVE ILLUSTRATION	ILLUSTRATION OF CHARACTER
	ILLUSTRATION OF AUTHOR	2-3 QUOTES THAT RECOMMEND OTHERS READ THE BOOK		YOUR NAME	
		PUBLISHER'S NAME BARCODE 			

**Make sure to include
all necessary components
to receive full points!**

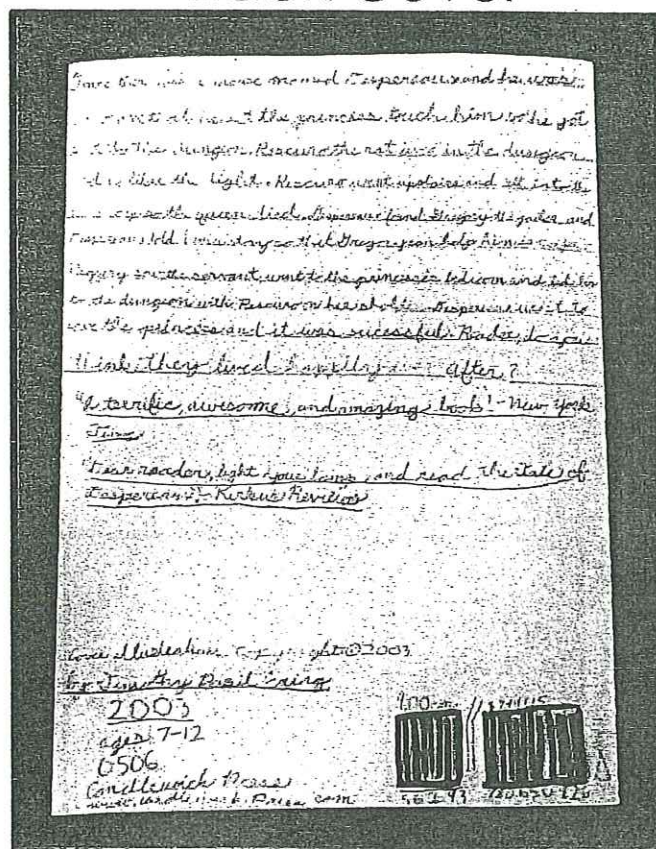


Book Jacket Example

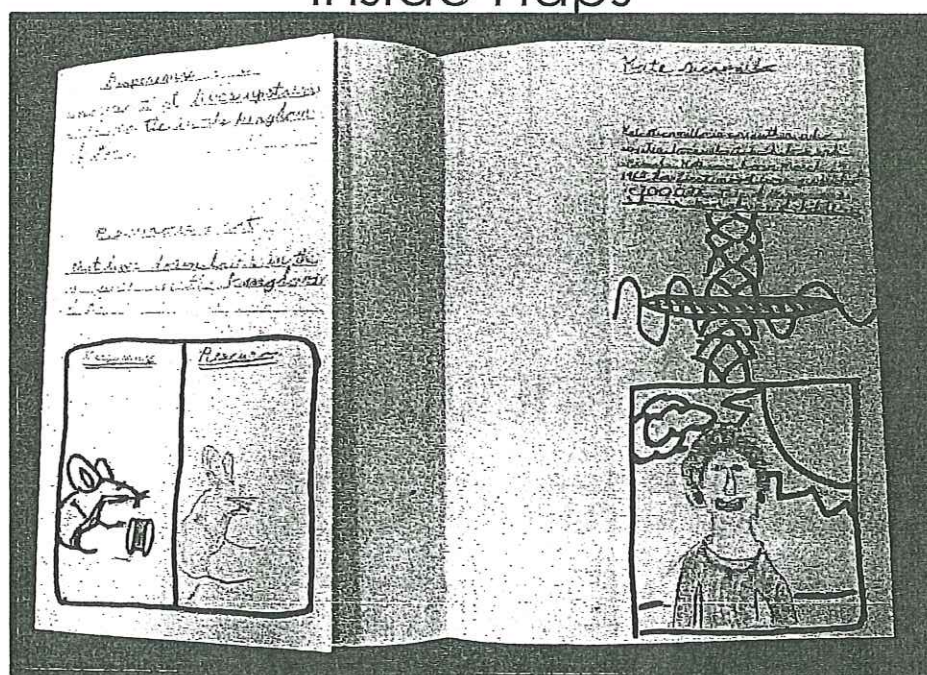
Front Cover



Back Cover



Inside Flaps



Name: _____

Esperanza Rising Book Jacket Grading Rubric

Front Cover: ____ / 15

- ____ Title (3)
- ____ Author's name (3)
- ____ Your name (3)
- ____ Creative illustration (6)

Rear Flap: ____ / 10

- ____ Author's name (2)
- ____ Summary of author's life. (6)
- ____ Illustration of the author (2)

Back Cover: ____ / 20

- ____ Barcode (3) and Publisher (2)
- ____ Summary of the book (10)
- ____ 2 – 3 Quotes recommending book (5)

Spelling/Grammar: ____ / 15

- ____ Correct spelling, grammar & punctuation. (15)

Front Flap: ____ / 20

- ____ Accurate description of character (15)
- ____ Illustration (5)

Overall Creativity & Neatness: ____ / 20

- ____ Colorful and creatively designed (10)
- ____ Neatly assembled and written. (10)

Total Grade: ____ / 100

Name: _____

Esperanza Rising Book Jacket Grading Rubric

Front Cover: ____ / 15

- ____ Title (3)
- ____ Author's name (3)
- ____ Your name (3)
- ____ Creative illustration (6)

Rear Flap: ____ / 10

- ____ Author's name (2)
- ____ Summary of author's life. (6)
- ____ Illustration of the author (2)

Back Cover: ____ / 20

- ____ Barcode (3) and Publisher (2)
- ____ Summary of the book (10)
- ____ 2 – 3 Quotes recommending book (5)

Spelling/Grammar: ____ / 15

- ____ Correct spelling, grammar & punctuation. (15)

Front Flap: ____ / 20

- ____ Accurate description of character (15)
- ____ Illustration (5)

Overall Creativity & Neatness: ____ / 20

- ____ Colorful and creatively designed (10)
- ____ Neatly assembled and written. (10)

Total Grade: ____ / 100

All Saints' Day Project Summer Reading

1. Students will read a book on a Saint (*Ignatius Press books recommended, but not required.*)
2. Over the summer, students will read and take notes on a saint book in preparation for our All Saints' Day Project.
Please refer to the following rubric.

This fall, students will be introduced to Google Slides and design a multimedia presentation to be presented orally in class on All Saints' Day (November 1, 2019).

Summer Reading- Book is read over the summer and notes for each of the following Google Slides are completed in outline form or on index cards by FRIDAY, SEPTEMBER 6th	/ 5
Title Page (Slide 1)-Include title and author of book, your name, a picture	/ 5
Setting (Slide 2)-Include where the story takes place, add at least 1 picture	/ 10
Main Character (Slide 3)-Include at least 5 facts about your saint	/ 15
Supporting Characters (Slide 4)-List & describe any supporting characters	/ 10
Summary of Plot (Slide 5)-List main events of the story	/ 10
My Favorite Part (Slide 6)-Include at least one favorite part of the book	/ 10
My Opinion (Slide 7)-Explain what you think. Do you recommend the book? Name one way you can follow the example of this saint.	/ 10
Animation/Effects/Graphics- At least 2 pictures and at least 1 animation/effect is used	/ 10
Oral Presentation- Students are prepared and present information clearly	/ 10
DUE: Monday, October 28 -Project must be turned in <u>no later than</u> Oct. 28th to earn 5 points (After Nov. 1, the grade earned is a zero.)	/ 5
TOTAL POINTS	/ 100