

# A.C.E. 5<sup>th</sup> Grade

## Summer Reading and Math Projects

### **READING and MATH**

For the summer reading assignment, **students**, should select a book from the list provided below while on break and complete the Bloom Ball Project. Details about these assignments, as well as templates, can also be found below and under the “**2018 Summer Reading**” link on the left hand side of the page. Students are to complete a Bloom Ball Project for Math as well. Directions on how to complete it for math is listed below. These assignments will count as an informal grade in the first quarter of the school year and will be due to the ELA (English Language Arts) and Math teacher on or before September 9, 2019.

### **ASSIGNMENT:**

Select a book you have read over the summer and complete the Bloom Ball project. Questions for each circle in the Bloom Ball project can be found on the following pages. Below is a link to the example of how to construct the project.

Directions on how to put they bloom ball together: <https://www.smore.com/3uqe-bloom-ball>

Template for Bloom Ball <http://birkyenglish.pbworks.com/f/Bloom+Ball+Template.pdf>

### **Recommended Summer Reading Titles**

- The Watsons Go to Birmingham, Paul
- Island of the Blue Dolphins, O'Dell
- The Hatchet Series, Paulsen
- Inside Out and Back Again, Lai
- Holes, Sachar
- A Wrinkle in Time, L'Engle
- I am Malala, Yousafzai
- Freak the Mighty, Philbrick
- The Other Side of Truth, Naidoo
- Discovering Wes Moore, Moore
- A Single Shard, Park
- out of my mind, Draper
- Wonder, Palacio
- The Lightning, Riordan
- Schooled, Korman
- Brown Girl Dreaming, Woodson
- The Devil's Arithmetic, Yolen
- The Maze runner, Dashner
- Divergent, Roth
- The Kite Runner, Hosseini

## Bloom Ball Project: Math

NAME: \_\_\_\_\_

*Directions: There are many ways to solve a multiplication or division problem. Standard Algorithm is a step-by-step way to solve a problem. In other words, this is the old school way your parents learned how to do math! There are not any shortcuts or drawings – just the basics of multiplying and dividing! Complete PART ONE and PART TWO. This will be collected at the beginning of the school year. (On or before September 9, 2019)*

**Part ONE:** Use the websites or videos below to understand the process of standard algorithm. Take notes if it helps!

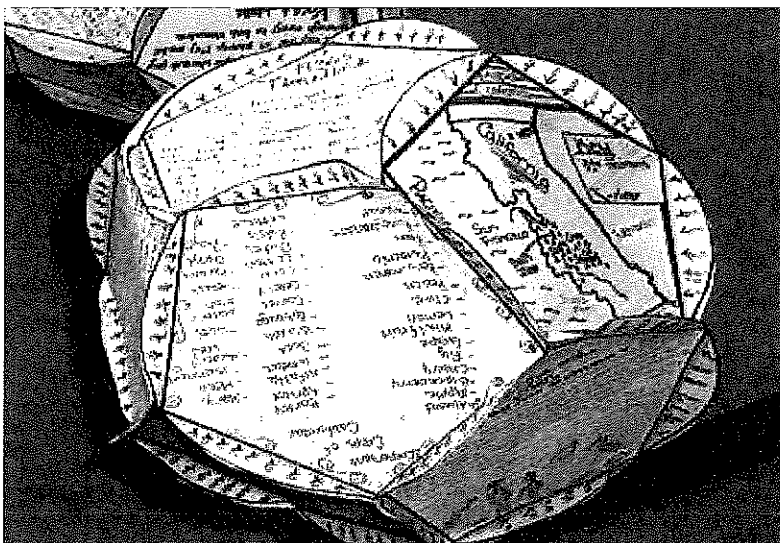
Website	Video
1. <b>MULTIPLICATION:</b> <a href="https://bit.ly/2xbZhFK">https://bit.ly/2xbZhFK</a> 2. <b>MULTIPLICATION:</b> <a href="https://bit.ly/2s5G9Er">https://bit.ly/2s5G9Er</a> 3. <b>DIVISION:</b> <a href="https://bit.ly/2KQ12ub">https://bit.ly/2KQ12ub</a> 4. <b>DIVISION:</b> <a href="https://bit.ly/2Lb1jJk">https://bit.ly/2Lb1jJk</a>	1. <b>MULTIPLICATION:</b> <a href="https://bit.ly/2J4wnw8">https://bit.ly/2J4wnw8</a> 2. <b>DIVISION:</b> <a href="https://bit.ly/2IH9389">https://bit.ly/2IH9389</a>

**Part TWO:** Complete the ten multiplication and ten division problems shown in each column. Complete the problems on the bloom ball sheets. Problems 1-8 are to be complete on each circle by drawing a line down the middle. Problems 9-12 are to be completed on a sheet by itself. (*See picture below for the setup of each panel*) Make your problems colorful. Show your work for the standard algorithm process of each problem on the Bloom Ball Project sheets.

Multiplication	Division
<b>Circle 1</b>  $\begin{array}{r} 75 \\ \times 8 \\ \hline \end{array}$	<b>Circle 1</b>  $6 \overline{) 528}$
<b>Circle 2</b>  $82 \times 7$	<b>Circle 2</b>  $310 \div 5$
<b>Circle 3</b>  $\begin{array}{r} 60 \\ \times 63 \\ \hline \end{array}$	<b>Circle 3</b>  $9 \overline{) 135}$
<b>Circle 4</b>  $52 \times 34$	<b>Circle 4</b>  $252 \div 21$

<p><i>Circle 5</i></p> $\begin{array}{r} 91 \\ \times 85 \\ \hline \end{array}$	<p><i>Circle 5</i></p> $16 \overline{) 192}$
<p><i>Circle 6</i></p> $19 \times 23$	<p><i>Circle 6</i></p> $209 \div 19$
<p><i>Circle 7</i></p> $\begin{array}{r} 36 \\ \times 32 \\ \hline \end{array}$	<p><i>Circle 7</i></p> $21 \overline{) 273}$
<p><i>Circle 8</i></p> $479 \times 5$	<p><i>Circle 8</i></p> $6528 \div 68$
<p><i>Circle 9</i></p> $\begin{array}{r} 309 \\ \times 41 \\ \hline \end{array}$	<p><i>Circle 10</i></p> $40 \overline{) 2560}$
<p><i>Circle 11</i></p> $936 \times 72$	<p><i>Circle 12</i></p> $66240 \div 32$

## Bloom Ball Book Project: Reading



You will be given 12 circles. Leave the circles on the paper. You will cut them out only when you have completed all circles.

- Number the circles 1-12. Make sure you number in the same place on every circle. Make sure the number still shows after you complete the next step.
- You should try to have the overall style and colors used on the Bloom Ball reflect the tone and style of the book.

Complete the circles according to the directions given on the back.

- Be very neat!
- The ball should be colorful and visually fun, but the most important aspect is what is written in the circles.
- Do not write or draw on the outside of the lines.
- Use your best writing skills, don't forget grammar and punctuation.

Decorate the edges of the circles - preferably with a design related to your novel.

- Your decorations should be on the folded edges only (the area between the pentagon and edges of the circle).
- The edges will be folded up on your finished project.

When all steps have been completed and all edges are decorated, cut out the circles. The circles will then be glued together.

In order to complete this project, you'll need to complete 12 circles with the following information on each circle:

Circle 1 - Write the title and author of your selected novel. Plan your lettering to use up the entire circle and to be attractive. Spell everything correctly and decorate the circle appropriately. Include your name in this circle.

Circle 2 – Draw a picture or map of the setting of your story. Label it.

Circle 3 – Divide your novel into two sections (divide your book in half). In this circle, write a summary of the first section. Be sure to include key events and important ideas. This summary should be 5-7 sentences.

Circle 4 – In this circle, write the summary of the second section. Include key events and important ideas. This summary should be 5-7 sentences.

Circle 5 – Draw a picture of the part of the story that is most vivid to you. This might be the most exciting part, the saddest part, or the most surprising part. Think about what part stands out to you the most.

Circle 6 – Write a paragraph (3-5 sentences) telling your opinion of this book. Tell why you would recommend this book or why you wouldn't.

Circle 7 – In 5-7 sentences, describe the main character. Include both physical and personality traits in the description. Include one quotation from the novel to describe your character.

Circle 8 – Identify the theme of the novel. What overall point about life/people does the novel convey? Use complete sentences.

Circle 9 – Include an important quotation from the book that is directly related to the theme, lesson, or idea of the book. Use your creativity to add color and images to this circle to help showcase the overall mood of the theme.

Circle 10 – Find two examples of figurative language and write them in this circle. Identify what type of figurative language is used.

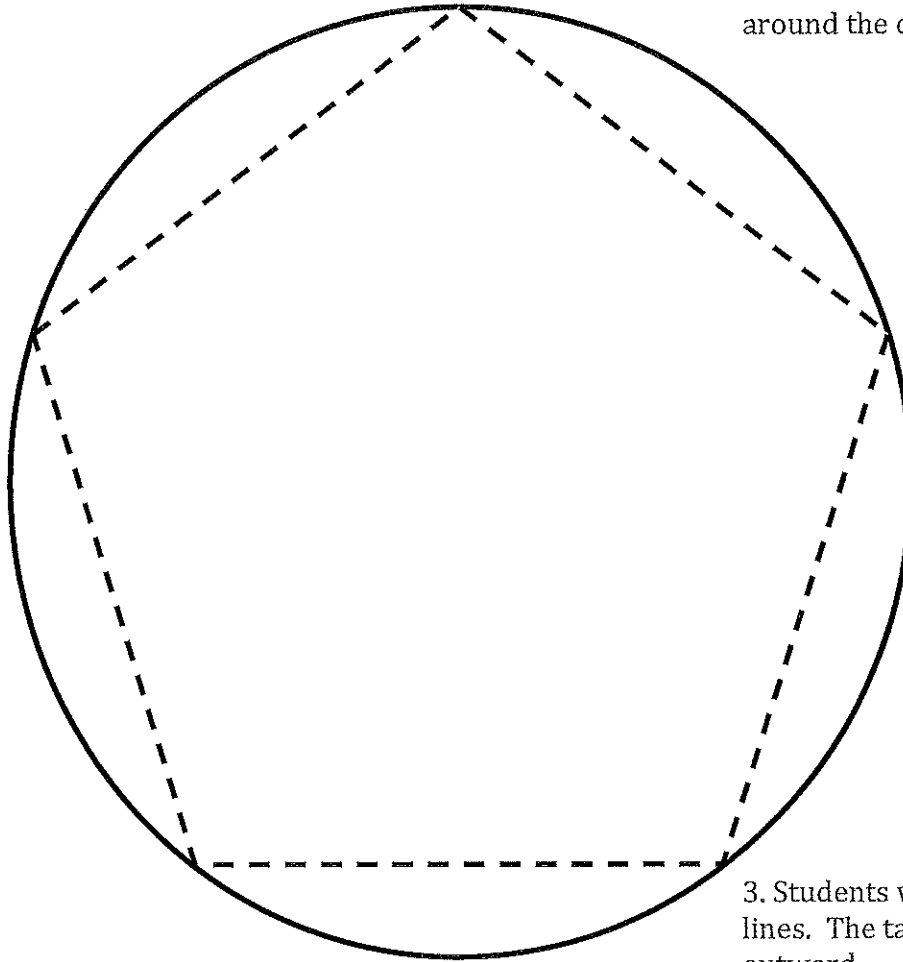
Circle 11 – Write an alternative ending to the story. It should be at least 7 sentences long.

Circle 12 - Write information about the author. List the author's name and interesting information about the author. This should be 3 - 5 sentences.

# Bloom Ball Instructions

1. Students will write their information on each circle and color each circle, including the edges.

2. Students will cut around the circle.



3. Students will fold along the dotted lines. The tabs should be folded outward.

4. Students will staple, tape, or glue ONLY the edges of one circle to the edges of the other circles. Glue works the best.