

# Odyssey Charter School

## Mandatory Summer Work Packet

“Research identifies the cumulative effect of summer learning differences as a primary cause of widening in-school achievement gaps between students.”  
-National Summer Learning Association

This year, Odyssey will be assigning required summer work that all students must complete. The intended goal is for students to retain the information and skills they have worked so diligently to acquire throughout the school year while on summer break. Our Odyssey Charter community prides itself on having academically high-performing students. When students come back from summer vacation well-rested and ready to hit the ground running, it provides a more solid foundation for continued success in the next grade level.

### Mandatory Work

**A minimum of 30 minutes of reading each week**

**A minimum of 10 minutes of math fact practice each week**

#### READING REQUIREMENTS

Research shows that reading is one of the most important activities a child can complete in order to become a better student. Every student will be required to read for at least 30 minutes a week. (Students in the younger grades who may not be proficient in reading can be read to, instead of reading independently.) This time spent reading must be recorded on the attached reading log.

Good news! This time may also be counted towards Odyssey’s annual *optional* Summer Reading Program.

#### ADDITIONAL INFORMATION FOR STUDENTS ENTERING GRADES 3-6

-As part of the mandatory 30 minutes per week of reading, students who are entering grades 3-6 will be responsible for reading one book from the grade-level list (attached). Upon their return to school, students will be asked to demonstrate their understanding of their chosen book by completing a quiz and by participating in a book club discussion. Students should bring a copy of the book to school with them on the first day of school.

“Of all the activities in which children engage outside of school, time spent actually reading is the best predictor of reading achievement-the more students read, the better readers they become.”  
(Mraz; Rasinski, 2007)



#### MATH FACTS REQUIREMENTS

“Most students lose about two months of grade level equivalency in mathematical computation skills over the summer months.” (Cooper, 1996)

Automaticity of math facts is *imperative* to mathematic success. Odyssey teachers have found throughout the years that although our students are generally quite competent in their mathematical abilities, they lack fact fluency which affects their ability to correctly and quickly compute answers.

Therefore, Odyssey students will now be required to practice their facts for at least 10 minutes a week over the summer. Students should record this time (as they will in reading) on the attached logs. We’ve attached some suggestions for potential forms of practice, as there are a multitude of options that should keep your child engaged throughout the summer. Each grade-level is being asked to focus on a different set of facts. We will assess your child’s knowledge upon their return to school during the first week. (See attached sheet for required facts and suggestions for practice methods.)

<b><u>MATH FACTS FOR EACH GRADE-LEVEL TO MASTER</u></b>	
<b><u>Grade Level</u></b>	<b><u>Facts to Master</u></b>
Entering 1 <sup>st</sup> Graders	Addition and Subtraction facts up to 5
Entering 2 <sup>nd</sup> Graders	Addition and Subtraction facts up to 10
Entering 3 <sup>rd</sup> Graders	Addition and Subtraction facts up to 20
Entering 4 <sup>th</sup> Graders	Multiplication and Division facts up to 9 x 9
Entering 5 <sup>th</sup> Graders	Multiplication and Division facts up to 12 x 12
Entering 6 <sup>th</sup> Graders	Multiplication and Division facts up to 12 x 12
Note: Facts were selected based on their correlation to the Common Core Standards	

Possible Ideas for Practicing Math Facts

\*Note: These ideas are just the tip of the iceberg! Don't hesitate to explore on your own. There are likely thousands of great resources out there!

- Flashcards (Easy to make, buy, or even print from the Internet!)
- Apps on the iPhone/iPad/iPod Touch (Quizlet is one we know about that has a flashcard component and some games)
- Quiz your child in the car as your family drives to fun summer activities!
- Websites:

- www.mathisfun.com (Many options available)
- www.funbrain.com/kidscenter.html (Many options available)
- www.funbrain.com/math/index.html (Many options available)
- www.funbrain.com/tictactoe/index.html (Many options available)
- www.fun4thebrain.com (Many options available)
- http://freerice.com/#/multiplication-table/17496 (Multiplication Only)
- www.multiplication.com/games (Multiplication Only)

“All young people experience learning losses when they do not engage in educational activities during the summer. Research spanning 100 years shows that students typically score lower on standardized tests at the end of summer vacation than they do on the same tests at the beginning of the summer.”

(White, 1906; Heyns, 1978; Entwisle & Alexander, 1992; Cooper, 1996; Downey et al, 2004)

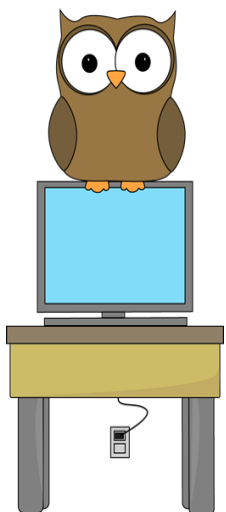
COMPASS LEARNING

Families returning to Odyssey should be familiar with the Compass Learning program the school has been using for the past few years. Compass Learning is an online program that provides students with differentiated learning paths and activities based on their individual MAP scores. We have been using the math portion of the program for the past few years. This year, the PTO has raised enough money with the Paving the Way fundraiser to also purchase the Language Arts portion of the program! (Thank you, PTO!)

We understand that not all students have access to a computer, which is why we are not requiring students to work on the program as summer work. However, we do sincerely hope that families will take advantage of this program throughout the summer if at all possible. Learning paths will be updated based on your child's most recent spring assessment scores, which is even better to challenge them throughout the summer! *\*\*Note: Students entering 1<sup>st</sup> and 2<sup>nd</sup> grade do not have learning pathways automatically created for them by Compass Learning like the older students, but OCS is creating pathways for them. They should be available mid-June. Thank you for your patience as we create the pathways!\*\**

The web address for the site is: [www.thelearningodyssey.com](http://www.thelearningodyssey.com)

Note: Students should already know their username and password; however, you may contact the school office if your child cannot remember his/her login information.



# Log for Mandatory Summer Work

Student Name: \_\_\_\_\_ Grade in the fall: \_\_\_\_\_

Please complete all of your assigned work, and have your log signed every week. Keep your log in a safe place – maybe on your refrigerator? 😊 **This completed log MUST be turned in the first day of school.**

## Week 1: 6/10 – 6/16

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

## Week 2: 6/17 – 6/23

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

## Week 3: 6/24 – 6/30

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

## Week 4: 7/1 – 7/7

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

## Week 5: 7/8 – 7/14

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

Student Name: \_\_\_\_\_

Grade in the fall: \_\_\_\_\_

**Week 6: 7/15 – 7/21**

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

**Week 7: 7/22 – 7/28**

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

**Week 8: 7/29 – 8/4**

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

**Week 9: 8/5 – 8/11**

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

**Week 10: 8/12 – 8/18**

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

**Week 11: 8/19 – 8/25**

PARENT SIGNATURE

Read for 30 minutes	
Practiced assigned math facts for 10 minutes	
<i>*Optional but recommended:</i> Completed at least 2 Compass Learning activities with scores above 80%	

# Book Lists for Students Entering Grades 3-6

**Students:** Choose one book from your grade-level list below to read this summer as *part* of the mandatory 30 minutes per week. Make sure it's one that you can read and understand, since you will be taking a quiz on the book the first week of school. You will also need to be able to discuss the book in a book club with your classmates who have also read the same book. Please bring the book with you to school your first day.

**Parents:** Please help your children in choosing an appropriate book for his/her independent reading level. If your child is returning to Odyssey, you can refer to your child's spring MAP Reading report to find your child's most recent Lexile range. Every book has a Lexile score, which can help give you an idea about how difficult the text is. A Lexile score is determined by analyzing word frequency and sentence length. Comparing your child's Lexile range to the Lexile levels of the books listed below will help give you an idea of which book might be a more appropriate choice for your child. For more information, or to find Lexile information about other books, please refer to: [www.lexile.com](http://www.lexile.com)

Remember that student interest (in addition to reading level) is an important factor in choosing books that your children will understand and enjoy. You might want to consider looking up the books to find summaries and reviews on Amazon.com to help your child determine which book sounds the most interesting. You can also order the books easily from this website! **Bonus:** You can help raise money for OCS if you shop through this link: [http://www.amazon.com/?%20\\_encoding=UTF8&tag=odyscharsch01-20](http://www.amazon.com/?%20_encoding=UTF8&tag=odyscharsch01-20)

## **Book Choices for Entering 3<sup>rd</sup> Graders:**

1. Horrible Harry Moves Up to Third Grade by Suzy Kline (Lexile: 460L) *Genre: Realistic Fiction*
2. I Was a Third Grade Science Project by Mary Jane Auch (Lexile: 600L) *Genre: Fantasy*
3. Marty McGuire by Kate Messner (Lexile: 650L) *Genre: Realistic Fiction*
4. Who Was Sacagawea? by Judith Bloom Fradin (Lexile: 650L) *Genre: Biography*

## **Book Choices for Entering 4<sup>th</sup> Graders:**

1. The One and Only Ivan by Katherine Applegate (Lexile: 570L) *Genre: Fiction*
2. Turtle in Paradise by Jennifer Holm (Lexile: 610L) *Genre: Historical Fiction*
3. Sammy Keyes and the Hotel Thief by Wendelin Van Draanen (Lexile: 840L) *Genre: Mystery*
4. James and the Giant Peach by Roald Dahl (Lexile: 870L) *Genre: Fantasy*

## **Book Choices for Entering 5<sup>th</sup> Graders:**

1. Number the Stars by Lois Lowry (Lexile: 670L) *Genre: Historical Fiction*
2. Sing Down the Moon by Scott O'Dell (Lexile: 820L) *Genre: Historical Fiction*
3. When the Mountain Meets the Moon by Grace Lin (Lexile: 820L) *Genre: Fiction*
4. The River by Gary Paulsen (Lexile: 960L) *Genre: Fiction*

## **Book Choices for Entering 6<sup>th</sup> Graders:**

1. Walk Two Moons by Sharon Creech (Lexile: 770L) *Genre: Realistic Fiction*
2. Steve Jobs: Thinking Differently by Patricia Lakin (Lexile: 940L) *Genre: Biography*
3. Dogsong by Gary Paulsen (Lexile: 930L) *Genre: Realistic Fiction*
4. Dragonwings by Laurence Yep (Lexile: 870L) *Genre: Historical Fiction*