

## Middle School Summer Review and Enrichment

In an effort to ensure your child continues to participate in the learning process over the summer we have put together some meaningful activities for CSL students. Please read the information below carefully as it explains the activities we have planned for your child in both mathematics and reading.

### **Mathematics:**

Middle school students will be provided the opportunity to review and develop math skills in an online format or through a traditional summer work packet. Students have the option of working via Khan Academy or completing exercises and practice on paper in an effort to help them retain information they have learned in their mathematics classes.

**What is Khan Academy?** - Khan Academy is a **free** online program that offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. The math missions guide learners from kindergarten to calculus using state-of-the-art, adaptive technology that identifies strengths and learning gaps. For mor detailed information visit <https://www.khanacademy.org/about>.

The CSL math department would like all middle school students to work on the **Pre-algebra mission**. For most students this will be review material. If your child needs assistance, the program will have videos demonstrating the skill so remediation of the skill can occur. Most students have already been introduced to Khan Academy during the school year. This program can be used on any computer or electronic device.

**Math Packet** - If you would like for your child to do review and practice exercises via the traditional paper packet this option is available. A summer work packet has been developed by grade level for the students at CSL. These work packets are posted on our school website at [cslcharter.org](http://cslcharter.org) under the parent resources section across the top menu bar. Please have your child complete the packet designed for the grade they were in this year. The packet can be turned into their math teacher upon returning to school in the Fall. If you are unable to print the material please email me at [phackney@cslcharter.org](mailto:phackney@cslcharter.org) and we will arrange for a packet to be printed for your child.

These math exercises and activities are designed to to be a review exercise for your child. Please do not allow them to use a calculator to complete the exercises. If your child needs assistance with any of the material please contact the school so we can make arrangements to remediate the necessary skills.

**TURN OVER FOR INFORMATION ABOUT SUMMER READING ENRICHMENT.**

## **Reading:**

Our middle school language arts teacher has provided a list of books that would enrich and enhance your child's learning experience over the summer as well as support their development in this area in the coming year as it relates to the CSL curriculum. Many of these text can be found at a local library. This list will also be placed on the CSL website, [cslcharter.org](http://cslcharter.org), for your reference under the **parent resources** tab on the home page top menu bar.

### **Students going into 7th grade book list:**

The Absolutely True Diary of a Part-Time Indian by Sherman Alexie

The Hunger Games series by Suzanne Collins

Hoot by Carl Hiaasen

Paper Towns by John Green or other John Green novels

The Lightning Thief series by Rick Riordan

The Chronicles of Narnia by C.S. Lewis

### **Students going into 8th grade book list:**

Divergent series by Veronica Roth

Eragon series by Christopher Paolini

Stargirl by Jerry Spinelli

The Maze Runner by James Dashner

Monster by Walter Dean Myers

The Fault in Our Stars by John Green or other John Green novels

## High School Summer Enrichment and Career Exploration

In an effort to ensure your child continues to participate in the learning process over the summer we have put together some meaningful activities for CSL students. Please read the information below carefully as it explains the activities we have planned for your child in both mathematics, reading, and career exploration.

### Mathematics:

High school students will be provided the opportunity to review and develop math skills in an online format or through a traditional summer work packet. Students have the option of working via Khan Academy or completing exercises and practice on paper in an effort to help them retain information they have learned in their mathematics classes.

**What is Khan Academy?** - Khan Academy is a **free** online program that offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. The math missions guide learners from kindergarten to calculus using state-of-the-art, adaptive technology that identifies strengths and learning gaps. For mor detailed information visit <https://www.khanacademy.org/about>.

CSL would like all high school students to go to Khan Academy to work on the missions related to their most recent math course. A students course of study would go as follows:

CSL Course	Khan Academy Mission
Algebra 1A	Algebra Basics
Algebra 1B	Algebra I
Algebra II	Algebra II
Geometry Extensions	Geometry

Most students have already been introduced to Khan Academy during the school year and will be familiar with how the program works. This program can be used on any computer or electronic device.

**Math Packet** - If you would like for your child to do review and practices exercises via the traditional paper packet this option is available. A summer work packet will be provided upon request as to meet the individual needs of the student. Please notify me via phone at 215-269-7390 Ex 16 or by email at [phackney@cs charter.org](mailto:phackney@cs charter.org) if you would like to choose this option.

**TURN OVER FOR INFORMATION ABOUT SUMMER READING ENRICHMENT**

**AND CAREER EXPLORATION.**

**Reading:**

Our high school language arts teacher has provided a list of books that would enrich and enhance your child’s learning experience over the summer as well as support their development in this area in the coming year as it relates to the CSL curriculum. Student should select two or more of these books to read over the summer.

<p><b>Students going into 9th Grade</b> <u>The Secret Life of Bees</u> by Sue Monk Kidd <u>Briar Rose</u> by Jane Yolen <u>True Believer</u> by Virginia Euwer Wolff</p> <p><b>Students going into 10th Grade</b> <u>Flowers for Algernon</u> by Daniel Keyes <u>The Lovely Bones</u> by Alice Sebold <u>My Sister’s Keeper</u> by Jodi Picoult <u>Big Mouth and Ugly Girl</u> by Joyce Carol Oates <u>Ender’s Game</u> by Orson Scott Card</p>	<p><b>Students going into 11th Grade</b> <u>Into Thin Air</u> by Jon Krakauer <u>Girl with a Pearl Earring</u> by Tracy Chevalier <u>Friday Night Lights</u> by H.G. Bissinger <u>The Joy Luck Club</u> by Amy Tan</p> <p><b>Students going into 12th Grade</b> <u>Peace Like a River</u> by Leif Enger <u>Fast Food Nation</u> by Eric Schlosser <u>Invisible Man</u> by Ralph Ellison</p>
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**College and Career Exploration:** All high school students are encouraged to explore possible college and career interests during the summer months. Please visit the planning for college link under the parent resources tab on the menu bar of our school’s website, [cslcharter.org](http://cslcharter.org). Here are a few additional sites CSL recommends to help with this process of planning for college and exploring careers.

Big Future by College Board: <https://bigfuture.collegeboard.org/?navid=gh-cp> Website for finding colleges, exploring careers, assistance with paying for college, and applying to college. Big Future includes a college search tool, as well as a scholarship search tool and a customizable action plan for students about to embark on journeys through the college admissions process.

PA Career Zones <http://www.pacareerzone.org/> Pennsylvania CareerZone is a proven, successful career exploration and planning system designed especially for students. Users are encouraged to work through the Interest Profiler, Work Importance Profiler, and Assess Yourself assessment based on the Holland Codes for self-exploration. Comprehensive information on 900 occupations includes state specific wages, worker attributes, job characteristics, and much more. There are 300 career videos that give users a snapshot of the featured occupation.

O- Net Online: <https://www.onetonline.org> /O\*NET OnLine has detailed descriptions of the world of work for use by job seekers, workforce development and HR professionals, students, researchers, and more!