

# AZ Academy's Summer Mathematics Assignment

[http://azvi.org/enroll\\_process/summer-assignments/mathematics-assignment/](http://azvi.org/enroll_process/summer-assignments/mathematics-assignment/)

AZ Academy's students will complete web-based mathematics practice this summer to brush up on skills that will help them be successful in the upcoming school year!

- Students entering 1st – 9<sup>th</sup> grade will work at Sumdog's website – directions for accessing the site and completing work are below.
- Students entering 10<sup>th</sup> – 12<sup>th</sup> grade will work at Khan Academy's website – directions for accessing the site and completing work are below.

If you have any questions, please do not hesitate to contact Mr. Mauree Heller.

340.718.7909  
340.626-0577  
[mheller@azvi.org](mailto:mheller@azvi.org)

## SumDog Directions for Students Entering 1st – 9<sup>th</sup> Grade:

Your student's account has been created for you. The username and password will be emailed to you. This is a highly engaging website, and we are sure your student will enjoy learning through this format! Note that it requires Flash Player, which does not work on iPads or iPhones!

Here are the directions for accessing and using this website:

- Click on the link: [http://www.sumdog.com/user/sign\\_in](http://www.sumdog.com/user/sign_in)
- Enter username, password, and school code (azacademy), and then click login in the bottom right corner.
- On the left side is a panel colored options...
  - Click on the light blue "LEVEL" and select the grade level you are entering for the upcoming school year
  - If you want to work on something specific, like addition or fractions, click on the pink box labeled "ALL TOPICS" and select the topic you want
  - The light purple box shows the skills available for each topic selected – here you can make practice even more specific if desired
- On the right hand side is another panel of colored options...
  - The bright purple box with the student's name is where you can check progress and make changes to your avatar (like clothes, eye color, etc.)
  - The light purple box is your house, which you can furnish as you earn coins!
  - The light blue box is a controller, which is how you begin to play games
- Playing games is easy...
  - When you click on the game controller, a map opens with lots of colored icons and buildings – each one represents a different game
  - Click on a game, and play it to earn points which earn you coins
  - The home page shows you how many training points you have earned

- Once the game is done, use the orange arrow at the top right hand side to see score and to move back to the home page
- To check total coins earned, on the home page click on your name in the bright purple box - your total coins earned is posted there!

***Students should earn 200 coins over the course of the summer!***

Once your student begins playing these games, you will see it is easy to earn these coins, but please do not hesitate to call if your student is struggling. Math summer work is due on the first Friday of the school year, which is September 2nd this year!

### **Khan Academy Directions for Students Entering 10<sup>th</sup> – 12<sup>th</sup> Grade:**

Follow the directions for setting up your account at [http://azvi.org/enroll\\_process/summer-assignments/mathematics-assignment/](http://azvi.org/enroll_process/summer-assignments/mathematics-assignment/). Note that there is a Khan Academy mobile app that will allow students to use tablets as well as PC. Once the student account is created, search for the level that your child has been assigned (see below).

Click on a practice to begin. As an overview, these are the resources and details about each practice:

- On the top right of the practice, it shows how many questions will need to be completed in a row to successfully pass the practice. This number varies based on what practice is selected.
- On the bottom right is a video resource that teaches the lesson in case the student needs a review before beginning.
- If more help is needed, in the middle on the right hand side is a hint button. Note that clicking on this button automatically makes the answer incorrect.

***Students are expected to complete 15 practices over the course of the summer!***

Math summer work is due on the first Friday of the school year, which is September 2nd this year! Please call Mr. Mauree at 626-0577 for assistance!

# AZ Academy's Summer Reading Assignments

[http://azvi.org/enroll\\_process/summer-assignments/reading-assignment/](http://azvi.org/enroll_process/summer-assignments/reading-assignment/)

AZ Academy's students are expected to read throughout the summer, and to verify this, students must complete book reports for 4 texts that are read. More specific guidance for all students and book report templates for elementary, middle school, and high school students are outlined below!

If you have any questions, please do not hesitate to contact Mrs. Paula Heller. She will be happy to walk you through the process to ensure that all students are successful this summer!

340.718.7909  
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## General Notes for All Students

Although fiction is naturally motivating to read, we encourage our students to read a balance of non-fiction as well since the Common Core State Standards call for a greater percentage of this type of reading as students' progress through their schooling. In fact, by the time students are in high school, 60% of their language arts reading will be non-fiction. **Therefore, for every 2 fiction books read, students should read a non-fiction book!**

At the end of the school year, or as a part of the admissions process, students take a Star Reading test. The results of this test include a ZPD score (zone of proximal development). This is the recommended reading range for a student. For example, Mauree Heller, if he were a 5<sup>th</sup> grade student, might have a ZPD reading range of 3.1 – 7.3, which means that he should read books that are rated as being appropriate for a 3<sup>rd</sup> grade first month student to a 7<sup>th</sup> grade third month student. The general recommendation is that students read independently in the lower range of their ZPD. However, if a parent is going to read a book to or read a book with their student, this recommendation can be ignored.

An email will be sent with your student's user name and password, as well as their ZPD. If you need any help, please call Ms. Paula at 340.718.7909 or 340.626-1989!

Book selection is critical for students – selections should be a book that interests them, it should be within their ZPD if read independently. As you look at books to be read, go to [www.arbookfind.com](http://www.arbookfind.com) to determine the reading level of books you are considering. You can also download the App to your smart phone, so that you can easily look books up while at the book store or while shopping online. The reading level is reported as BL: (book level).

Printed copies of book report forms can be printed directly in the elementary, middle school, and high school sections below. Copies will also be available in the main office. Students are free to choose whichever format best fits the book they have read!

All summer reading book reports are due on the first Friday of the school year, which is September 2<sup>nd</sup> this year! ***Students should read 4 books and complete book reports for each this summer.*** Those who meet this challenge will receive a special award at the beginning of the school year!

### **Recommended Reading Lists (but not required):**

[PreK - 2nd Grade Reading List](#)

[3rd and 4th Grade Reading List](#)

[5th and 6th Grade Reading List](#)

[7th and 8th Grade Reading List](#)

[High School Reading List](#)

[Middle School and High School Modified Reading List](#)

### **Book Report Templates:**

[Book Report Ideas](#)

[Early Elementary Book Report](#)

[Elementary Book Report](#)

[Middle School Book Report](#)

[High School Book Report](#)