

## Summer Homework Letter for Rising 6th Graders

Dear Parents and Guardians,

As your child prepares to enter 6th grade, we want to ensure they continue to build upon their knowledge and skills over the summer. To support their academic growth, we have assigned mandatory summer homework in the following subjects: Math, Science, History, ELA, and Spanish. These assignments will help reinforce key concepts and prepare students for a successful transition into the next academic year.

We encourage students to complete their assignments steadily throughout the summer rather than waiting until the last minute. These assignments will be reviewed and discussed in the first weeks of school.

Thank you for your support in ensuring a smooth and productive transition into 6th grade. If you have any questions, please feel free to reach out at [asidani@aosj.us](mailto:asidani@aosj.us)

For subject-specific questions, feel free to contact:

- Mr. Chris Krow: [ckrow@aosj.us](mailto:ckrow@aosj.us)
- Mrs. Amanda Watermeyer - [awatermeyer@aosj.us](mailto:awatermeyer@aosj.us)
- Mr. Christopher St-Cyr - [cstcyr@aosj.us](mailto:cstcyr@aosj.us)
- Ms. Colleen Martin - [cmartin@aosj.us](mailto:cmartin@aosj.us)
- Ms. Patricia Millones - [pmillones@aosj.us](mailto:pmillones@aosj.us)

Enjoy your summer, and we look forward to seeing you in the fall!

Best regards,

**Amal Sidani**

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# MATHEMATICS

This summer, you'll use **Khan Academy** to sharpen your math skills and get ready for 5th grade!

## How to Get Started

1. **Go to:** [Khan Academy](#)
2. **Create an account** using your AoSJ school email.  
New students will receive their school email: **first initial & last name @ [aosj.us](#)**
3. Make sure you are signed into your AoSJ account.
4. Join the class, click on this link: [Get ready for 6th grade](#) - Class code **VUSSYC4B**

## What You Need to Do

**Goal:** Complete at least **11 hours (or 660 minutes)** of learning over the summer.

Work at least **1 hour per week** to stay on track.

Reach at least **70% Mastery Progress Level** to show understanding.

## Important!

- You **must** be signed into your **AoSJ account** while working, or your progress won't count!
- If you need help, ask a parent or teacher (Mr. Krow, [ckrow@aosj.us](mailto:ckrow@aosj.us)) for support before school starts.
- Some current students may be asked to complete more than the minimum number of hours, depending on their progress at the end of this year.
- New students may be asked to complete more than the minimum number of hours, depending on an assessment of their placement test results as well as a review of their prior institution's mathematics curriculum.
- **Student completion of their required module will be their first grade of Semester 1.**

## **SCIENCE**

Summer is a great time to explore new ideas and learn about the world around us! This summer, you'll read an exciting book about a rover called Resilience that explores Mars.

### **What to Read**

**Book:** "A Rover's Story by Jasmine Warga

This book tells the story of Resilience who develops human feelings and emotions whilst being built by NASA. "Res" explores Mars, accompanied by Fly, and together they learn about friendship and perseverance.

### **Choose One Activity to Complete:**

After reading *A Rover's Story*, pick **ONE** of the following activities to complete:

#### **Option 1: Personal Letter**

Write a **2-page personal letter** from the perspective of Resilience to Fly, reflecting on their experiences on Mars and exploring how Resilience's feelings have evolved. Include specific events from the book and connect them to personal experiences or real-world events that have influenced your understanding of friendship and perseverance.

#### **Option 2: Board Game**

Design a board game based on the challenges Res and real-life Mars explorers face. Include elements that represent both scientific and emotional obstacles. Write a **rulebook** and provide **reasoning for the game mechanics**, explaining how they relate to the book and real-life Mars exploration.

#### **Option 3: Multimedia Presentation**

Develop a multimedia presentation (at least 10 slides) where you argue whether Resilience's development of human-like emotions is realistic. Use evidence from the book, scientific principles, and current technological advancements in AI to support your argument. Include diverse perspectives and discuss the implications of AI developing emotions.

### **Final Steps**

- Bring your completed work to school in the fall! **Due on the first day of school.**

# HISTORY

## Historic Site Visit Infographic

AOSJ History students! You live in a bustling, historic, and culturally defining region of our nation! Take advantage of what New York City has to offer by becoming a history buff this summer.

**STEP 1:** Choose a historic site to visit this summer (probably on a family trip, but if it's nearby, you could visit with friends). Your site can be ANYWHERE in the U.S.A. The definition of "historic site" is broad. Any place where history happened can qualify!

While on your visit, be curious! Make observations, take notes, ask questions of a guide or park ranger, pick up interpretive material, like brochures, and take photos to remind you of what you saw and learned.

**STEP 2:** After your visit, compile **a one-page illustrated document about your visit** on an 8.5" x 11" piece of paper (you can use a bigger sheet if you want, we are not requesting a poster!).

Your document should graphically and visually represent the historic site you visited and what you learned there. It is not an essay or a book report. Think of it more like a flyer or brochure.

You can choose to use headlines, short phrases, fun facts, and add colorful hand-drawn illustrations/doodles to create your report. Make it visually interesting as well as educational. A few hours are expected to be spent on this product, making it look appealing and complete.

In some way, your infographic should include these topics:

- Name and location of the historic site.
- Why is it important to American or NYC history?
- Highlights of what you saw and learned there.
- The date you visited.
- Put your full name (first and last) in the bottom right corner.

*You will submit this assignment on the first day of History class.  
Please make something that you will be proud to see hanging in the hallway!*

## English Language Arts (ELA)

Welcome to 6th grade! This summer, you'll dive into some exciting books to get ready for the new school year. **The books you read over the summer will be the first two novels we study together in class.**

Novel 1: *A Long Walk to Water* by Linda Sue Park

- While you read *A Long Walk to Water*, answer the guiding questions [linked here](#). **Please print it out and write on the paper.** Be prepared to turn them in on the first day of school.

Novel 2: *Bud, Not Buddy* by Christopher Paul Curtis

- While you read *Bud, Not Buddy*, answer the guiding questions [linked here](#). **Please print it out and write on the paper.** Be prepared to turn them in on the first day of school.

### Your Reading Log

Keep a simple list of the books you read this summer, including:

- **Title and Author** of your choice book.
- Any other books you read for fun!

### Need Help Picking a Book?

Check out these websites for book recommendations:

- [Read Brightly – Summer Books for Tweens](#)
- [New York Public Library – Book Suggestions](#)

Enjoy your summer reading, and we can't wait to hear all about your books in the fall!

## **SPANISH**

### **Vocabulary and Grammar Review & “Mi verano en imágenes” Project.**

This summer packet is designed to help you review and practice the Spanish skills you developed throughout the year. It's important to keep using the language over the summer so you can start 6th grade feeling confident and ready to grow even more as a Spanish learner.

Your main task is to create a **summer comic diary** to talk about fun or interesting moments from your vacation. Your job is to tell short stories from your summer using drawings and sentences in Spanish, just like a comic book! You can write about places you visit, people you see, fun activities you do, or even imagine silly or fictional moments. Be creative—draw scenes from your summer, include characters, and write short dialogues or captions in Spanish.

**If you are new to our school**, you must also complete the extra review activities included [here](#) to help you build a strong foundation and get ready for Spanish class in the fall.

### **Summer Comic Diary Project**

You need to complete **5 or more comic pages**, and **each page must include at least 5 complete sentences in Spanish**. You can include speech bubbles, narration, and short descriptions. Make sure to use the vocabulary and grammar we learned this year. (Use [this document](#) as a guide.)

This is a suggested schedule to help you plan your work:

- **Week 1**: Review the vocabulary and grammar topics in the review section.
- **Weeks 2–6**: Create one comic page each week. Remember to include words and grammar we studied, such as:
  - Adjectives of personality (e.g., simpático, divertida, tímido)
  - Food and drinks (e.g., desayuno, agua, hamburguesa)
  - Schedule and ordinal numbers (e.g., primero, segundo, a las ocho)
  - Prepositions of place (e.g., en, debajo de, al lado de)
  - The Super 7 verbs (hay, está, es, tiene, le gusta, va a, quiere)

### **Final Notes:**

- All written work must be submitted on the **first day of school**.
- Be thoughtful, creative, and neat.

**¡Feliz verano! Have fun reviewing Spanish!  
Haz lo que puedas, no te preocupes por ser perfecto.  
Try your best and enjoy it!**

*Ms. Millones*