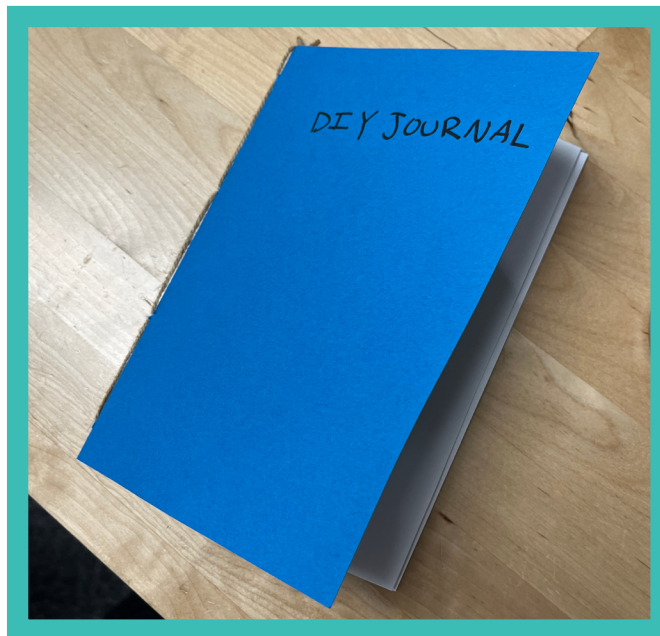


## MAKE A JOURNAL

Building a journal is a fun and exciting way to create a place for you to record your ideas, thoughts, and feelings or to collect information about research you conduct.

You can journal about a STEM career that interests you, you can journal about a science experiment you conduct, or you could even journal about your favorite foods!



## MATERIALS

- 2 sheets of copy paper
- 1 sheet of card stock
- Twine or thick string
- Sturdy, blunt needle

## VOCABULARY

**Scientific Journal** - a publication that contains firsthand reports of scientific research. These reports show how a researcher conducted a study and the details needed to evaluate or repeat that study. Details might include background information, data, statistical results, graphs, maps, explanations of how the study was performed and how the researchers interpreted their results, etc.

**Book binding** - the art or trade of fastening loose pages together inside of a cover to make a book.

## STANDARDS

3-5-ETS1-2. Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.

CCSS.ELA-LITERACY.W.5.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.

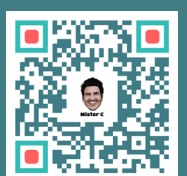
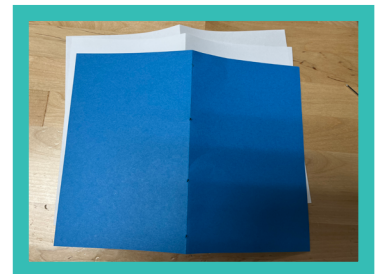
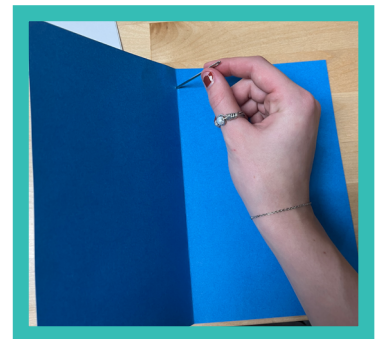
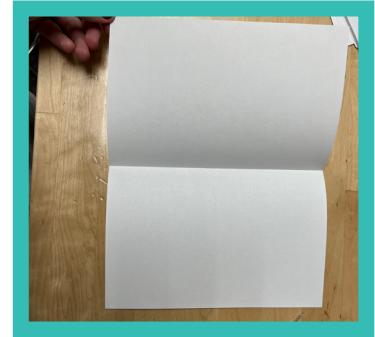




**Mister C**

## BUILD YOUR JOURNAL

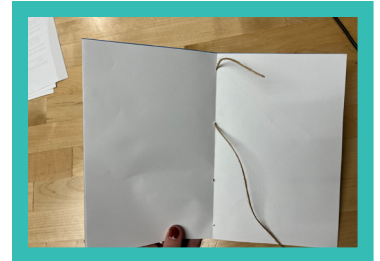
1. Fold your sheets of copy paper in half short-ways. Do the same with your card stock, the thicker paper that will be your cover.
2. Use the blunt needle to poke a hole through the card stock, about a half inch from the top of the “spine”. Do the same at the bottom of the spine. Make a total of 4 evenly spaced holes.
3. Open up your sheets of paper and lay them on top of one another on the table so that the paper would fold away from you. Lay your sheet of card stock on top of the paper the same way. Make sure the card stock and paper are flush, meaning they line up with one another.
4. Use the blunt needle and the guide holes you poked in the card stock to make the holes in your paper. This ensures everything lines up properly.



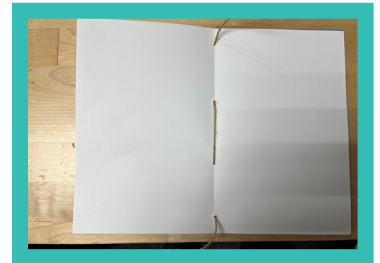


**Mister C**

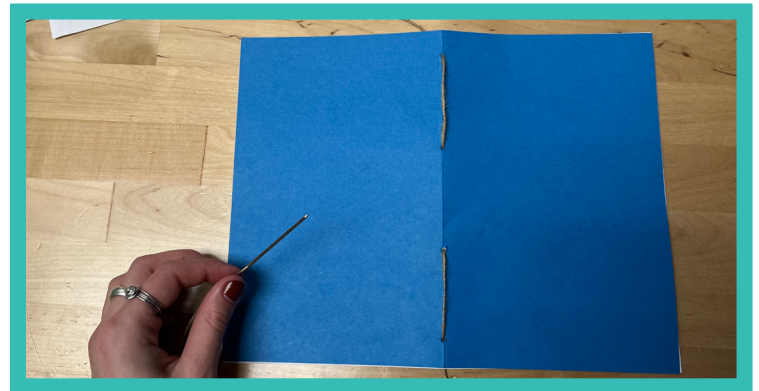
5. Thread your needle with the twine. If you have trouble getting the twine through the eye of the needle, put a small piece of tape around the end. Starting from the inside of the journal, push your threaded needle through the top hole and pull it to the outside, leaving a 1-2 inch tail.



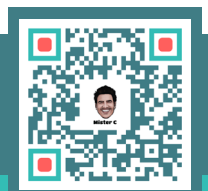
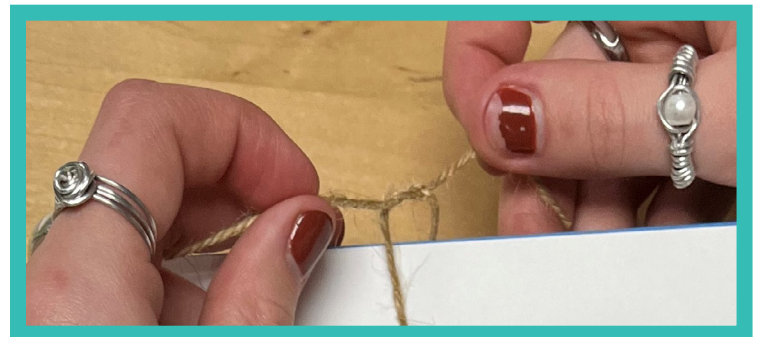
6. From the outside, push the threaded needle through the second hole. Then back out the third hole and back in through the fourth hole.



7. Pull the loose ends of twine together and tie to secure your pages. Be sure that the twine is tight enough to keep your book together but not so tight that the paper warps. Tying it near the top or near the bottom may help your journal lay flat. Cut off any excess twine.



8. Decorate your cover and fill your journal! What do you plan to put in it?





**Mister C**

## JOURNAL WRITING

---

Journals are a great way to capture your thoughts and ideas. There are many different types of journals: dream journals, art journals, reading journals, gratitude journals, or scientific journals. Regardless of which type of journal you plan to make, here are a few steps to getting started!

Step 1: Select which type of journal you would like to create.

Step 2: Pick a time for journaling and try to journal every day at that time.

Step 3: Journal the same amount of time each day.

Step 4: Don't erase your ideas and thoughts. It's okay to have extra ideas in your journal.

Step 5: Look back and review your journal periodically to see what you have written over time.

## READ A BOOK AND KEEP EXPLORING

---

\*Library on Wheels: Mary Lemist Titcomb and Americas's First Bookmobile by Sharlee Glenn, (2018), Abrams Books for Young Readers, ISBN 9781419728754

\*You Wouldn't Want to Live Without Libraries! by Fiona Macdonald, (2019), Franklin Watts publishers, ISBN 9780531128114

\*Miss Moore Thought Otherwise: How Anne Carroll Moore Created Libraries for Children, (2013), Houghton Mifflin Harcourt, ISBN 9780547471051

\*Biblioburro a True Story From Columbia, (2010) Simon and Schuster, ISBN 9781416997788

