



ASHOKA GROUP OF SCHOOLS
Arjun Nagar, Off Gangapur Road.

NEWS LETTER

*ASHOKA UNIVERSAL SCHOOL, ARJUN
NAGAR CAMPUS.*



Laurels:



It is a great and proud moment to announce that on 20th December 2022, Nandurbar DSO Kick-Boxing matches were held, having produced spectacular and fruitful results for our pupils, which not only helped them reach state level, but also will help them through their lives. Our achiever of :

U-14 Girls

- 1) Saina Bothe :- Gold medal
- 2) Srijan Bhattacharya: Gold Medal
- 3) Sanskriti Shinde :- Bronze medal

U- 17 Girls

- 4) Dhriti Jha :- Gold medal
- 5) Sanvi Gunjal :- Silver medal
- 6) Asmi Rokade :- Silver medal

We congratulate students and Coach Jitendra Shardul sir with our whole heart.





NAB Musical Event (Rotary Club)



**"WHERE
WORDS
FAIL,
MUSIC
SPEAKS."!**



We at Ashoka Group of Schools feel privileged to have had the opportunity to spend a few memorable moments with the students and teachers of the National Association of the Blind (NAB) Nashik.

Ashoka in association with Rotary Interact Cub organised an orchestra event at the Arjun Nagar Campus for these students and teachers.

The very talented NAB students presented songs along with the music team and students of Ashoka.

It was very overwhelming to witness our 'Interactors' taking the utmost care of the guest during the event.



Events:

Ashoka Astronomical Observatory



Don't tell me sky is the limit when there are footprints on the moon !

Don't ask me to stop so soon just when I have started to explore.

Every exploration needs a boost up and that is exactly what the Ashoka astronomical club does to help explorers like me!

The Ashoka Astronomical Observatory has conducted several activities like spectroscope, hydro rocketry, space quiz, Parallax error and much more.

Mentioning one such activity would be parallax error.

How do we measure distance between celestial objects avoiding errors?

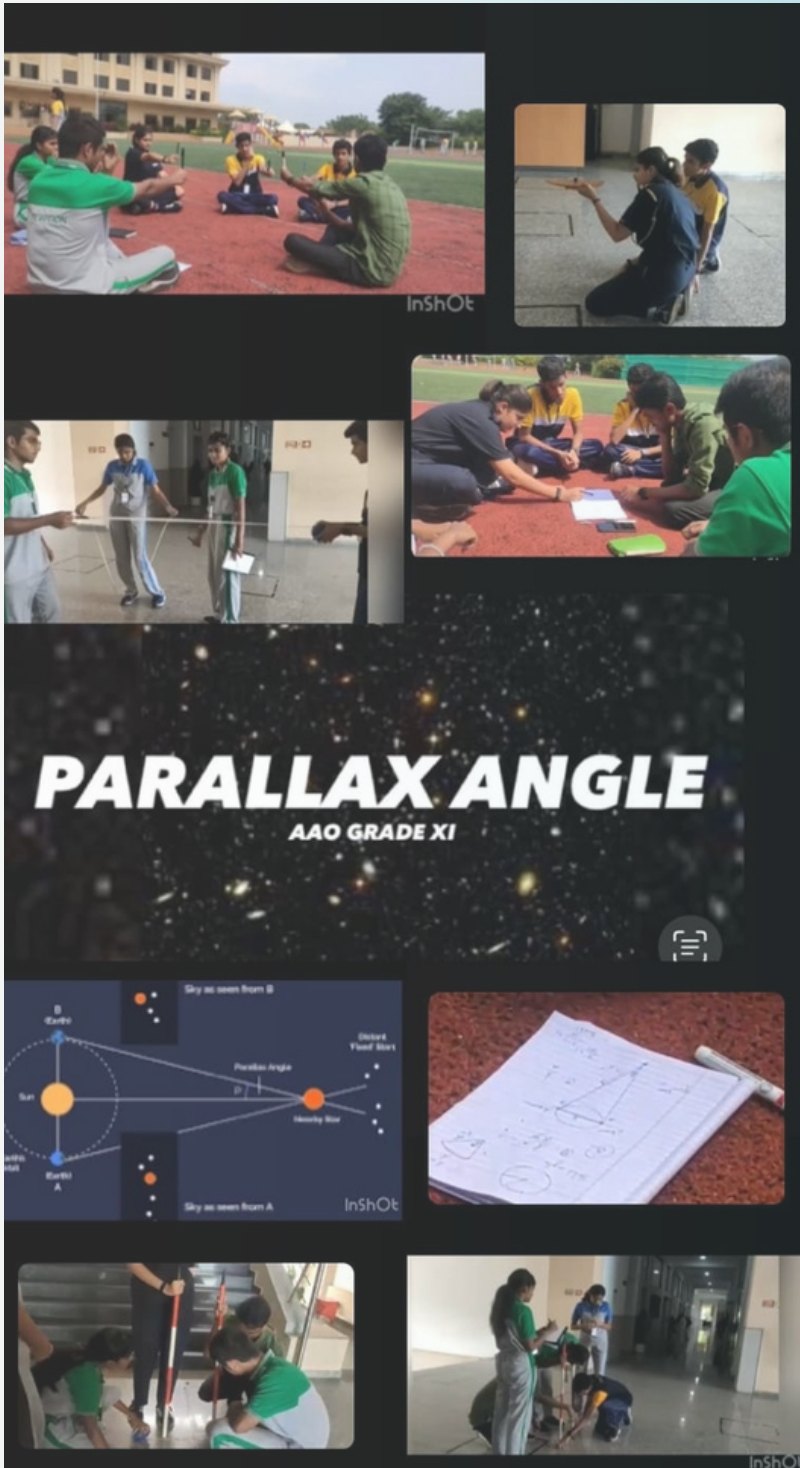
To avoid errors you should know how to calculate them. The apparent shift in an object's position is viewed from different angles and then calculated.

The best real life example is looking at a nearby object with one eye closed and then looking at it through the other eye.

Calculating it you get the exact distance.

A really fun informative activity was conducted wherein we all students assumed and placed two sticks at a rough angle from a distance and measured it using protractor and then measured the distance between those two sticks with the help of measuring tape. Later the values were substituted in the formula which includes further converting the measuring angle in arc seconds and distance in parsecs connecting it to the real life based celestial objects distance.

Such activities always help us know more about the vast universe!



Miss. Tirtha Naukudkar

Space Ambassador of Ashoka Astronomical Observatory

XI Science

Events:



“In order for the light to shine so brightly, the darkness must be present.”

– Sir Francis Bacon

Spectroscope lesson was Flabbergasting. It taught us about the amazing properties of Light. The session was very astounding I never had thought in my dreams that this would be held in such a beautiful way, in this lesson we learned how to make a steps cop which helped us learn about the properties of light the model we made required a cd/dvd and a provided piece of paper which helped to make. A spectroscope works by using diffraction to separate the different colors of light. Spectroscope is used to identify the spectral composition of light. We got to know what is light and how does it work the session involved of 3 major parts 1st explanation everything was explained how did it work and why so 2nd part making the model this one took the most amount of time and was the most fun one too 3rd part testing the model in this part we tested the model and saw the results This is used by scientists to view the composition of the certain object like stars or other celestial objects the light from a single material into its component colors the way a prism splits white light into a rainbow It is also called spectrograph

Post to the activity I read many articles and watched many videos on this topic.

This is a branch called spectrograph this is also used in many satellites like Hubble.

“Nothing can dim the light that shines from within. That’s I learned.

Mast. Atharv Mishra

Ashoka Astronomical Observatory member

(Grade VII C)





Questioning the way this world works, Is the first step towards envisioning a new tomorrow”

-Richard Feynman

“The activity of hydro rocketry was conducted for the Ashoka Astronomical Observatory members of grade IV to VII.

Composed of only two words ‘hydro’ and ‘rocketry’, hydro meaning water and rocketry meaning a rocket. Imagine a rocket which does not require fire or hydrogen as its fuel. Possibility is a powerful factor which can affect the reality.

A rocket is a complex machinery which works on a simple principle. A basic rocket works on the Third Law of Motion given By Sir Isaac Newton. It states that the force exerted on a surface will be returned to the source without any change in the force. The same thing happens when a rocket launches up from the ground. The thrusters of a rocket put a tremendous force on the ground pushing the rocket up into the sky. Preparing this rocket is pretty straightforward. All we require is an air pump, a tube, a plastic bottle and water. We need the water to be filled at a $\frac{1}{4}$ of its capacity so that there is a partial space left for the air to fill in. The air is going to push the water out of the bottle once it is overloaded. For maintaining stability while air borne, fins are installed at the base of the bottle. The fins ensure that there is an equal volume of air at each and every side of the body of the rocket . Equal distribution of air means the bottle will not flip in the air. For variations in the launch, we can increase or decrease the thrust. It can be altered by adjusting the volume of water in the bottle.



More water will exert higher force launching the bottle quickly and low amount of water would exert a lower amount of force but would increase the height as the mass of water will not affect the overall weight of the body of the Rocket. The runs that we had conducted had resulted with the maximum height of approximately 200m.

We all enjoyed helping others understand this simple but important concept under the guidance of our teacher, Archana ma'am.

We all had a lot of fun watching the rocket shoot up at the sky. Always looking forward for new curious minds!!

Thanks to Ashoka Astronomical Observatory Club.

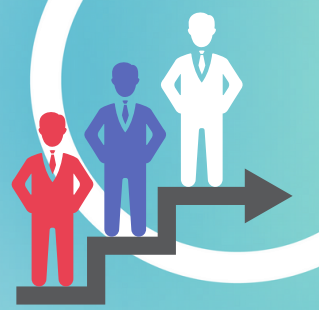
Mast. Srijan Bhattacharya

Space ambassador

(Grade VIII C)

Events:

CAREER FAIR



Ashoka Universal School, organized one of a kind Mega University Fair at their Arjun Nagar Campus where more than 40 national and international universities participated.

The students were given an opportunity to interact and access information about a range of scholarships and funding opportunities from the participating universities – all in one place!

Students across all branches of Ashoka Group of Schools and their parents benefitted from the knowledge that was imparted during the daylong event.



Mega University Fair



Events:

 *Be the reason for someone's heartbeat.*



BLOOD DONATION

The Interact club of Ashoka Universal School, Arjun Nagar had arranged the Blood donation Drive in association with the well-known NGO Rotary Club of Nashik and the Jan Kalyan Blood Bank of Nashik on 30th November between 8:00 am to 12:00 pm.

We could get healthy donors in this drive from outside as well as from the staff and parents. The Interact Committee was actively involved in organising and conducting the event successfully.

In the hectic schedule of daily rush, many people contributed their precious time in this drive.

When you know that the blood that you are donating will be used somewhere to save someone's life, it gives you a sense of immense pride.

In today's time, it is very important to spread awareness about the importance of blood donation; people should understand the value of life. Each one of us should donate blood. It might save anyone's life and so you should value it and motivate other people around you to donate blood. Our main aim was to make people donate blood and let them know that they have done something so valuable.

Ms. Archana Yeole

Rotary Interact Coordinator

Ashoka Universal School Arjun Nagar



Events:

RETORICA

Unleashing Potential

It was season 2 of RETORICA- a literary fest organized incredibly by Ashoka Universal School, Arjun Nagar, Chandsi. Students from Fravashi Academy, GEMS International School, Boys Town Public School, Nirmala Convent, and many others flooded the magnificent campus on 26th November 2022 for the event. Notable judges were welcomed for the five competitions that were held grade-wise. Ms. Dharshana, an enthusiastic RJ, judged the competition What's This for grade 1, and Dr. Rikkin Merchant, Editor in chief of the Lokmat Times witnessed a remarkable show of Character talk in grade 2. Ms. Disha Thakkar, a media marketing professional judged the competition AD-diction while Sqn Leader Ms. Supriya Chitre (retired) deemed In the spotlight competition with great success. Mr. Swapatyatri, founder & leader program facilitator judged the competition "Speak your thought" and encouraged all the participants to take an active part in various competitions.

All the competitions were conducted fabulously and concluded with a grand award ceremony. GEMS International School was awarded the championship trophy. Winners and runner-ups of all the competitions were given trophies and certificates. All the participants were given return gifts and certificates too. Finally, RETORICA Season 2 concluded with high spirits and a hope to meet again in RETORICA - Season 3.



Student's Corner

How to crack SAT?



Students can demonstrate to colleges their knowledge and their ability to apply it by taking the College Board's widely respected SAT test for college admission. A standardised exam that evaluates reading, writing, math, and vocabulary is the SAT. The purpose of the test is to gauge a student's capacity for using newly learnt information in the abilities they have developed during their education. Over 1 million students take the SAT each year, making it the most popular admissions test in the United States. It has been used for college admission. The SAT is typically taken by students in grades 11 or 12, however some take it as early as 10th grade. Many colleges throughout the world and nearly all colleges and universities in the United States use the SAT to make decision.

The reading, writing, and math skills tested on the SAT are the same ones taught in high school classrooms. Success in college and beyond depends on a student's knowledge and abilities in these topics.

Reading passages and sentence completions are included in the critical reading part.

A brief essay and multiple-choice questions on spotting faults and enhancing grammar and usage are included in the writing part.

Mathematical concepts including arithmetic operations, algebra, geometry, statistics, and probability are covered in this part.

The SAT is divided into two categories: SAT 1 and SAT 2. A general exam that evaluates students' verbal, writing, and arithmetic skills is the SAT 1. The subject-specific SAT 2 is appropriate for students who want to show their mastery of a particular subject. Typically, SAT 1 scores are enough to enrol in college courses.

By October 2022, the SAT will still be administered on paper. However, as a result of the switch to test-optional college admissions, fewer students took the SAT than in previous years. SAT will completely transition to digital beginning in 2023 in order to address this issue and remain current with post-covid standards. The exam is entirely digital, and the time limit has been lowered to two hours.

Section	Sub-section	Number of Questions	Time Limit (Min.)	Score Range
Evidence-based Reading and Writing	- Reading Test	- 52	- 65	200-800
	- Writing and Language Test	- 44	- 35	
Mathematics	- Math with Calculator	- 38	- 55	200-800
	- Math without a Calculator	- 20	- 25	
Total	-	154	180	400-1600

SAT EXAM DETAILS

TESTS



Reading
Writing and Language
Math
Essay (Optional)



DURATION

3 Hours | 3.5 Hours

TEST PATTERN



READING

Five Reading Passages

MATHEMATICS

- Arithmetic
- Algebra 1 and 2
- Geometry
- Trigonometry
- Data Analysis



ESSAY (OPTIONAL)

One Essay

Changes in the procedure of the test:

Since the practise of students filling in bubbles during exams is becoming dated, the SAT will henceforth be entirely digital. The digital exam is a significant improvement that is intended to improve testing security and convenience for test-takers.

Students have the option of taking the exam on either their own laptop or tablet or one provided by the institution. Before the test day, the pupils must download a digital testing app. Even in the event that a student's computer malfunctions or they lose internet access, this testing tool ought to maintain their progress.

International students will be allowed to take the SAT online starting in the spring of 2023 with the assistance of the designated proctors at schools or testing facilities.

The SAT Exam will last two hours rather than three. There will only be two portions now—a reading and writing section and a math section—instead of four. The reading portion of the SAT will consist of shorter sections, and students are required to respond to one question per passage. Additionally, the arithmetic questions will be "less wordy."

These adjustments make sure that pupils don't just accept information as fact; they remain informed and establish their own judgments. Additionally, test-takers will have additional time to answer the questions.

Both calculator and non-calculator math are covered in sections of the SAT 2022. The most recent SAT 2023 format, however, permits students to utilise calculators during the entire arithmetic section. For students who don't have their own calculators, the digital testing app includes a graphic calculator. This removes the obstacle for students and educational institutions with little resources.

Through the digital version of the testing app, SAT also intends to add a number of tools, such as a timer, a cheat sheet, and a flagging tool to indicate which questions still need to be reviewed.

The new SAT format is certainly a piece of good news for students. Here's why!

- Perks of going digital: With streamlined testing and a digital interface, the SAT exam will provide a more productive experience for candidates seeking admission to top-tier colleges.
- Time management: A shorter duration allows test takers to be more productive. Tickers and a clock on the screens help with time management by counting down the time until the end of the test and providing a 5-minute warning.
- Multiple attempts: International students can attempt SAT up to 7 times a year.
- Concise questions: The questions will be more direct, with shorter portions and more time allotted to each question. This means you will have adequate time to think about each question.
- Unique for each individual: The correct responses in the first stage of an SAT section will further determine the difficulty level for the questions that the candidates will see in the next section. With this trait, you will be able to exhibit your individual capacity and career readiness. This factor is also meant to increase your chances of standing out.
- New tools: The new SAT format will feature a calculator and clock on the screen, with simple switching between questions and understandable math formulas.

Preparation tips for the SAT.

To fully comprehend the SAT and reach your goals, here is the advice provided below.

1. Begin early
2. Plan your study time
3. Increase Your Reading Speed
4. Eliminate Incorrect Answers
5. Don't Leave Any Question Blank
6. Take the SAT More Than Once, If Possible
7. Answer the Questions You Know First
8. Target the Mistakes You Can Control

Mast. Atharv Badgujar.
Grade - XII (Science)

KNOW THE GENRE!



When we enter this beautiful world apart from the world we share, where: wall, ceiling and the floor are all constructed by the illusory worlds, their characters and the episodes. This world is artistically scrutinised in different Genres. At times these Genres be all Greek to the reader.

Some modern theorists would argue that every text belongs to a genre and that it is impossible not to write in one: thus even those nifty writers who try to break free of convention and write the wackiest stuff are still caught up in 'experimental' literature.

But what is a genre? The first thing to observe is that a genre is not a rigid mould which works must fit into, but a group of texts that share certain similarities – whether of form, performance context, or subject matter. For example, all the texts that make up the ancient genre of tragedy share certain 'family resemblances' (they are theatrical texts written in a particular poetic language, they reflect on human suffering, they show gods interacting with humans, and so on) that allow us to perceive them as a recognizable group. But although certain 'core' features characterize any given genre, the boundaries of each genre are fluid and are often breached for literary effect.

When you're a major reader, it's easy to get caught up in what seems to be an endless array of genres that sometimes seem to box you in. Do you prefer sci-fi or fantasy? (But wait, are they the same thing?) What are the key differences between a thriller and a mystery? Oh, and what does "literary fiction" even mean?

For all you bibliophiles who would like these burning questions answered, we've listed—and defined—the most popular book genres in both fiction and nonfiction so you'll know exactly what to look for during your next visit to the bookstore.

ACTION AND ADVENTURE

Action and adventure books constantly have you on the edge of your seat with excitement, as your fav main character repeatedly finds themselves in high stakes situations. The protagonist has an ultimate goal to achieve and is always put in risky, often dangerous situations. This genre typically crosses over with others like mystery, crime, sci-fi, and fantasy.



Teacher's Corner:

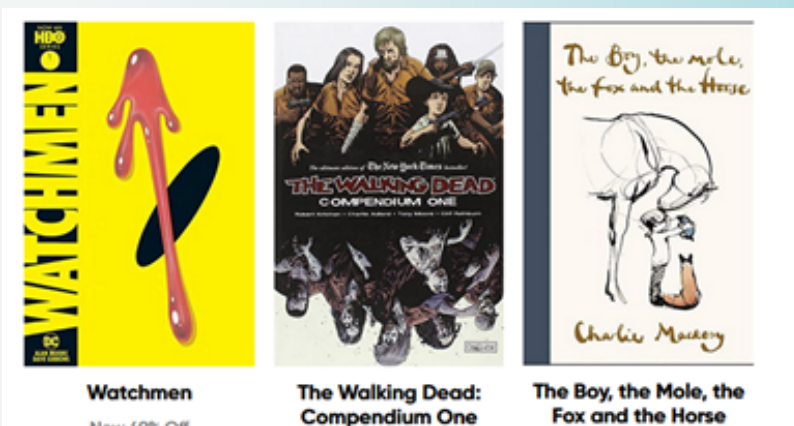
CLASSICS

You may think of these books as the throwback readings you were assigned in English class. The classics have been around for decades, and were often ground breaking stories at their publish time, but have continued to be impactful for generations, serving as the foundation for many popular works we read today.



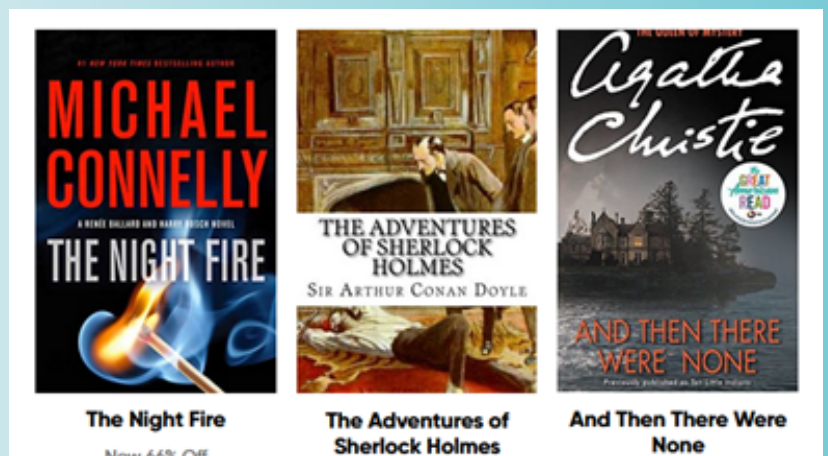
COMIC BOOK OR GRAPHIC NOVEL

The stories in comic books and graphic novels are presented to the reader through engaging, sequential narrative art (illustrations and typography) that's either presented in a specific design or the traditional panel layout you find in comics. With both, you'll often find the dialogue presented in the tell-tale "word balloons" next to the respective characters.



COMIC BOOK OR GRAPHIC NOVEL

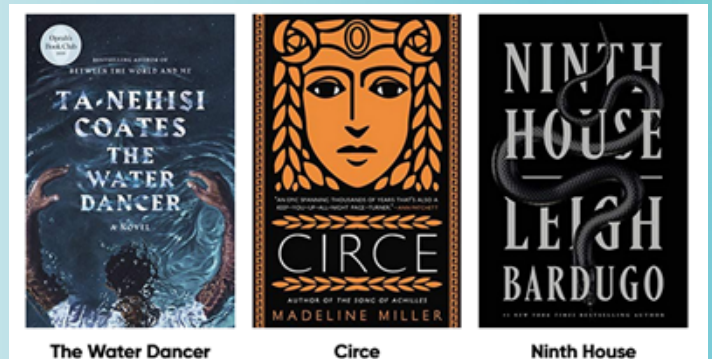
The plot always revolves around a crime of sorts that must be solved—or foiled—by the protagonists



Teacher's Corner:

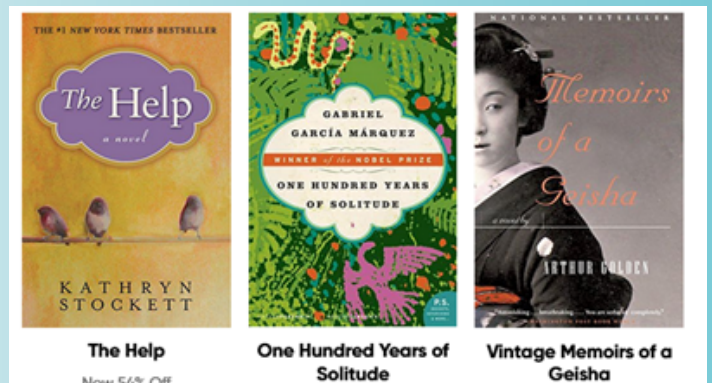
FANTASY

While usually set in a fictional imagined world—in opposition, Ta-Nehisi's Coates's *The Water Dancer* takes place in the very real world of American slavery—fantasy books include prominent elements of magic, mythology, or the supernatural.



HISTORICAL FICTION

These books are based in a time period set in the past decades, often against the backdrop of significant (real) historical events.



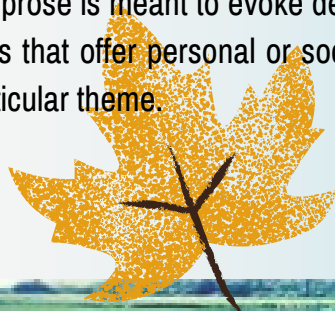
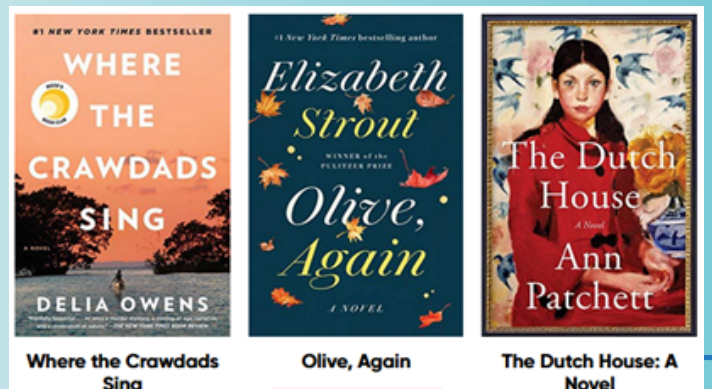
HORROR

Meant to cause discomfort and fear for both the character and readers, horror writers often make use of supernatural and paranormal elements in morbid stories that are sometimes a little too realistic. The master of horror fiction? None other than Stephen King.



LITERARY FICTION

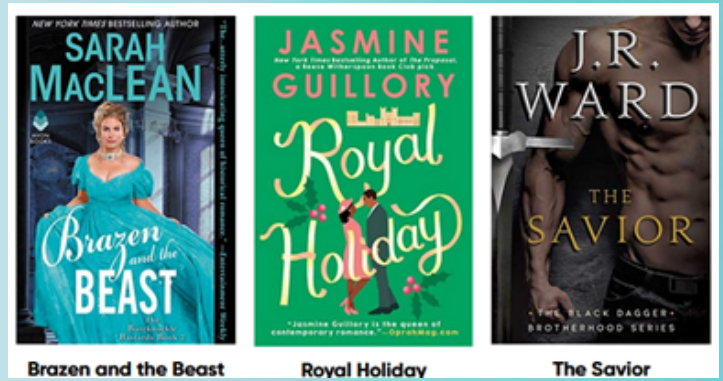
Though it can be seen as a broad genre that encompasses many others, literary fiction refers to the perceived artistic writing style of the author. Their prose is meant to evoke deep thought through stories that offer personal or social commentary on a particular theme.



Teacher's Corner:

ROMANCE

Oh romance, how could we ever resist you? The genre that makes your heart all warm and fuzzy focuses on the love story of the main protagonists. This world of fiction is extremely wide-reaching in and of itself, as it has a variety of sub-genres including: contemporary romance, historical, paranormal, and the steamier erotica. If you're in need of any suggestions, we've got a list of the best romances of all time and the top picks of the year.

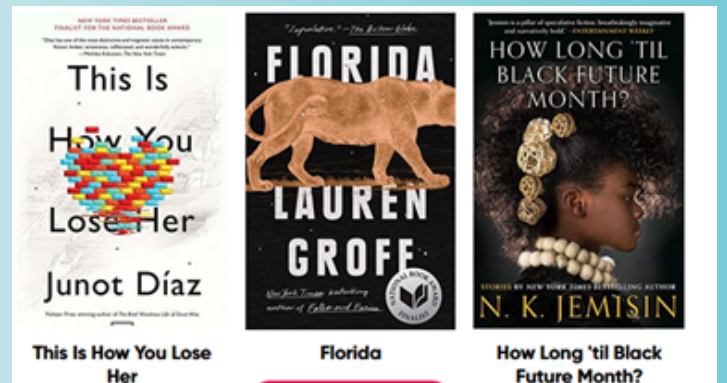


SCIENCE FICTION (SCI-FI)

Though they're often thought of in the same vein as fantasy, what distinguishes science fiction stories is that they lean heavily on themes of technology and future science. You'll find apocalyptic and dystopian novels in the sci-fi genre as well.

SHORT STORIES

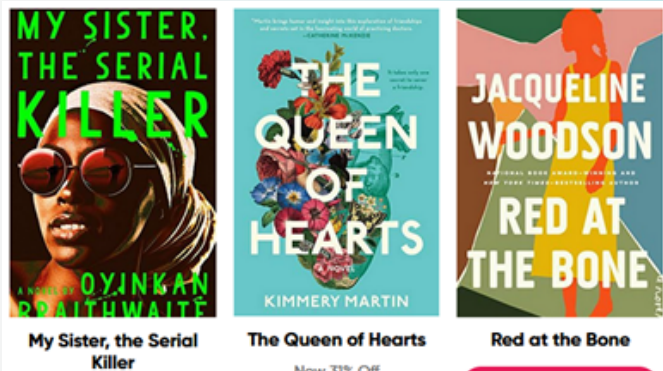
Though they encompass many of the genres we describe here, short stories are brief prose that are significantly, well, shorter than novels. Writers strictly tell their narratives through a specific theme and a series of brief scenes, though many authors compile these stories in wide-ranging collections, as featured below.



SUSPENSE AND THRILLERS

While they often encompass the same elements as mystery books, the suspense and thriller genre sees the hero attempt to stop and defeat the villain to save their own life rather than uncover a specific crime. Thrillers typically include cliffhangers and deception to encourage suspense, while pulling the wool over the eyes of both the main character and reader.

Teacher's Corner:

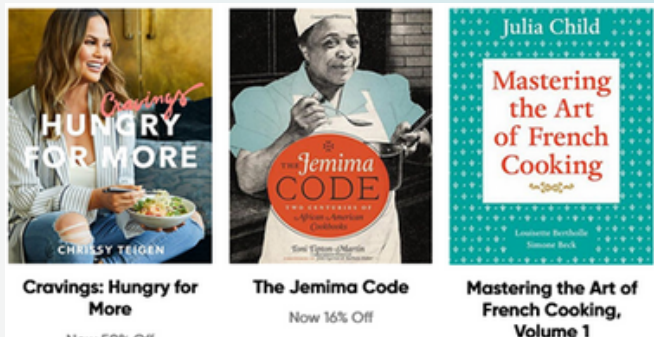
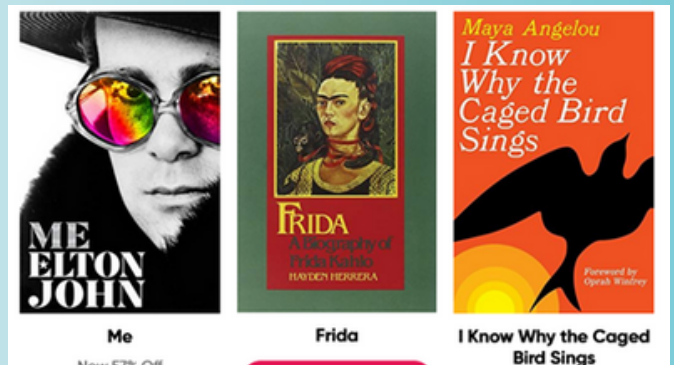


WOMEN'S FICTION

Another genre that encompasses many others, women's fiction is written specifically to target female readers, often reflecting on the shared experiences of being a woman in society and the protagonist's personal growth.

BIOGRAPHIES AND AUTOBIOGRAPHIES

Serving as an official account of the details and events of a person's life span, autobiographies are written by the subject themselves, while biographies are written by an author who is not the focus of the book.



COOKBOOKS

Traditionally penned by professional chefs or even your favorite celebs, cookbooks offer an appetizing collection of recipes, specific to a theme, cuisine, or experience chosen by the author.

ESSAYS

Typically written in the first-person, writers use their own personal experiences to reflect on a theme or topic for the reader. Many acclaimed authors—like James Baldwin and Toni Morrison—combine these pieces into collections of social commentary.



Teacher's Corner:

HISTORY

These books chronicle and layout a specific moment in time, with a goal to educate and inform the reader, looking at all parts of the world at any given moment.



MEMOIR

While a form of autobiography, memoirs are more flexible in that they typically don't feature an extensive chronological account of the writer's life. Instead, they focus on key moments and scenes that communicate a specific message or lesson to the reader about the author.



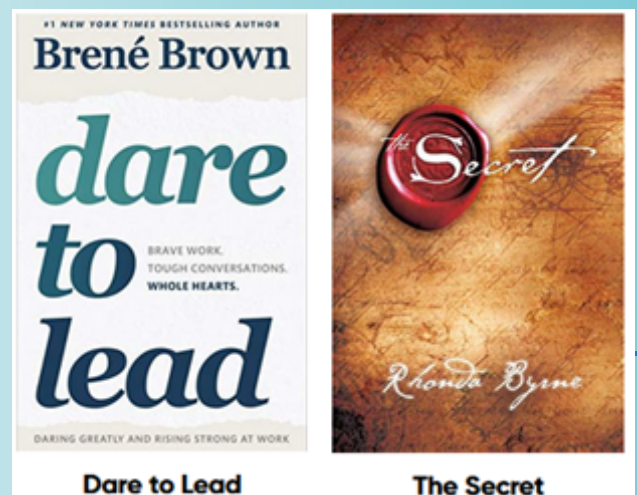
POETRY

With poetry—a form of written art—authors choose a particular rhythm and style to evoke and portray various emotions and ideas. Sometimes the message is clear (like a straight-forward love poem) while with others, the meaning is hidden behind a play on words—it all depends on the writer's style, intent, and chosen theme.



SELF-HELP

Whether the focus is on emotional well-being, finances, or spirituality, self-help books center on encouraging personal improvement and confidence in a variety of facets of your life.



Teacher's Corner:

SELF-HELP

Whether the focus is on emotional well-being, finances, or spirituality, self-help books center on encouraging personal improvement and confidence in a variety of facets of your life.



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