

Jeng Academic Center

June 13 - August 12, 2022

www.jengacademic.com

(A 9-Week Summer Program with choices of 3, 6, or 9 weeks to fit your summer plan)

When, Who, and How?

June 13 - August 12, 2022

Grades 1 - 12

All Online Classes.

How do I enroll?

Download & fill out the registration form from the website and email it to Dr. Jeng at djeng@jengacademic.com.

What are 3-week, 6-week, and 9-week choices?

All classes will run continuously from week 1 to 9. You may, however, choose to enroll in the class for 3, 6, or 9 weeks to fit your summer plan. Worry about content discontinuity? No sweat. The students will still receive course materials taught before they join the class, along with the Zoom recordings.

Early Bird Discount:

Enjoy an early bird discount of 10% off the class fee from your total tuition per student.

Early Bird discount ends on March 30, 2022.



Dare to Be Enlightened: How do we design our 2022 summer curricula?

The 2022 summer curricula reflect JAC's continued quest for what a Good Life is and what it means to be a well-educated person. It can be said that at JAC we seek to introduce a dawning light to the world by planting good seeds in the minds and hearts of our students (引曙光於世, 播佳種在田). Education, as has been well noted, is more than professional training, vocationalism, academic skills, and community service. We believe that at the heart of education is the students' growth— mental, intellectual, spiritual, and cultural. Students need models present and past from literature works, history, philosophy, science, religion, and art to engage their moral imagination and inspire their intellectual growth. Besides vocational training for future career paths, today's young students, like all human beings, are in dire





What if I do not have 3, 6, or 9 consecutive weeks to attend the summer class?

You may still participate in the summer program as long as you join the class for the correct number of weeks you pay for. The weeks you enroll for do not need to be consecutive, but can be selected for your convenience to fit your summer plan, which, we understand, could be rich, exciting, and hence quite hectic in the summertime.

Missing Lessons?

No worry. Zoom recording will be available for viewing.

Tuition Policy:

1. Full tuition paid at the time of enrollment.
2. Early bird discounts ends on March 31, 2022.
3. Full cancellation refund before the class begins on June 13, 2022.
4. Prorated cancellation refund by June 17, 2022.
5. No refund after June 18, 2022.

need of becoming conversant with the greatest minds and characters whom they may emulate. In other words, in their pursuit of independent minds and acquisition of critical thinking skills, **they need to have “a truth to uphold,” be it moral, artistic, scientific, intellectual, religious.** We believe the current fervent devotion to knowledge in natural science and technologies in today’s schools constitute only half of a fuller, more complete curriculum. This **Dare To Be Enlightened** summer program, in addition to regular classes, serves to supplement the topics routinely lacking in our students’ academic agenda with classes in literature, philosophy, calligraphy, debate, poetry, logic, and art.

Fusion of Heart and Mind

True education, as the German playwright Friedrich Schiller rightly saw it, ought to fuse mind and heart. While specialization in modern society is unavoidable for all students, we aspire to see them grow up to become specialists with spirit, sensualists with heart, and mature adults with wisdom and character that will lead them to a Good Life as envisioned and exemplified by the wise and virtuous in the past and modern world.

Union of External and Inner world

Our care for the heart and mind of our students does not obscure us from seeing the necessity of helping them thrive in the external world: academic excellence and mastery of practical skills such as debate, logical reasoning, and foreign languages. This union of the students’ external and inner world is demonstrated in our full array of math courses for all grades, our emphasis of the history of science, and the introduction of Cybersecurity class—to name just a few—to prepare our students for a vehemently competitive world where their future lies.

We look forward to having a great 2022 summer with your children in June, 2022!



(1) English

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-week fee	9-week fee
1	22B-E01	English Reading & Writing-I	1 - 2	9:00 - 10:00	TueThF	\$216.00	\$432.00	\$648.00
2	22B-E02	English Reading & Writing-II	3 - 4	9:00 - 10:00	MWF	\$225.00	\$450.00	\$675.00
3	22B-E03	English Reading & Writing-III	5 - 6	9:00 - 10:00	MWF	\$243.00	\$486.00	\$729.00
4	22B-E04	Creative Writing	5 - 7	10:30 - 11:30	MWF	\$243.00	\$486.00	\$729.00
5	22B-E05	New York Time Summer Reading Contest	6 - 8	12:30 - 1:30	MWF	\$243.00	\$486.00	\$729.00
6	22B-E06	Advanced Academic Writing	8 - 10	4:00 - 5:00	MWF	\$270.00	\$540.00	\$810.00
7	22B-E07	Research and Writing	9 - 11	5:30 - 6:30	MWF	\$270.00	\$540.00	\$810.00

(2) Literature

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-week fee	9-week fee
1	22B-L01	Greek Mythology	4/5/6/7	9:00 - 10:00	TueTh	\$144.00	\$288.00	\$432.00
2	22B-L02	Lord of the Flies	9 - 10	5:30 - 6:30	TueTh	\$180.00	\$360.00	\$540.00
3	22B-L03	Wilhelm Meister's Apprenticeship	7 - 9	5:30 - 6:30	TueTh	\$180.00	\$360.00	\$540.00

(3) Philosophy & Life Skills

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-week fee	9-week fee
1	22B-P01	Happy, Healthy Minds	4 - 6	10:30 - 11:30	TueTh	\$144.00	\$288.00	\$432.00
2	22B-P02	What Can I Do When I Grow Up	4 - 6	11:30 - 12:30	TueTh	\$144.00	\$288.00	\$432.00
3	22B-P03	Big Ideas for Curious Minds	4 - 6	12:30 - 1:30	TueTh	\$144.00	\$288.00	\$432.00
4	22B-P04	Introductory Formal Logic	7 - 9	7:30 - 8:30	MWF	\$144.00	\$288.00	\$432.00
5	22B-P05	A History of Philosophy						

(4) Art

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-week fee	9-week fee
1	22B-A01	Poetry & Calligraphy	6 - 8	8:00 - 8:45	MTWThF	\$270.00	\$540.00	\$810.00
2	22B-A02	History of Art	6 - 8	2:30 - 3:30	MWF	\$270.00	\$540.00	\$810.00

(5) History

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-Week fee	9-Week fee
1	22B-H01	Ancient World for Curious Historians-A	3 - 4	1:30 - 2:30	MWF	\$225.00	\$450.00	\$675.00
2	22B-H02	Ancient World for Curious Historians-B	4 - 5	2:30 - 3:30	MWTTThF	\$225.00	\$450.00	\$675.00

(6) Science

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-Week fee	9-Week fee
1	22B-S01	Scientists and Their Ideas	4 - 6	1:30 - 2:30	TuThu	\$144.00	\$288.00	\$432.00
2	22B-S02	The World of Astronomy	5 - 7	2:30 - 3:30	TuThu	\$144.00	\$288.00	\$432.00
3	22B-S03	The History of Medicine	6 - 8	3:30 - 4:30	TuThu	\$144.00	\$288.00	\$432.00
4	22B-S04	The World of Chemistry	6 - 7	4:30 - 5:30	TuThu	\$144.00	\$288.00	\$432.00
5	22B-S05	World Atlas & Geography	5 - 7	5:30 - 6:30	TuThu	\$144.00	\$288.00	\$432.00
6	22B-S06	The Story of Science -from Aristotle On	5 - 6	7:00 - 8:00	TuThu	\$144.00	\$288.00	\$432.00

(7) Math

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-Week fee	9-Week fee
1	22B-M01	Math Kangaroo	3 - 4	10:00 - 11:00	MWF	\$225.00	\$450.00	\$675.00
2	22B-M02	Singapore Math & Basic Skills	4 - 5	1:30 - 2:30	MWF	\$225.00	\$450.00	\$675.00
3	22B-M03	Singapore Math & Pre-Algebra	5 - 6	3:00 - 4:00	MWF	\$243.00	\$486.00	\$729.00
4	22B-M04	Singapore Math & Algebra I	7 - 8	3:30 - 4:30	MWF	\$243.00	\$486.00	\$729.00
5	22B-M05	Geometry	8 - 9	5:00 - 6:00	MWF	\$270.00	\$540.00	\$810.00
6	22B-M06	Algebra II & Trigonometry	9 - 10	6:00 - 7:00	MWF	\$270.00	\$540.00	\$810.00
7	22B-M07	Pre-Calculus	10 - 11	7:00 - 8:00	TuThu	\$180.00	\$360.00	\$540.00
8	22B-M08	AP Calculus	11 - 12	7:00 - 8:00	MWF	\$315.00	\$630.00	\$945.00

(8) Speech & Debate

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-Week fee	9-Week fee
1	22B-D01	Public Speech	3 - 4	TBD	MWF	\$297.00	\$594.00	\$891.00
2	22B-D02	Debate I	5 - 6	TBD	MWF	\$297.00	\$594.00	\$891.00
3	22B-D03	Debate II	7 - 8	TBD	MWF	\$360.00	\$720.00	\$1,080.00

(9) Second Language

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-Week fee	9-Week fee
1	22B-L01	Spanish Level-I	1 - 12	TBD	MWF	TBD	TBD	TBD
2	22B-L02	Spanish Level II	1 - 12	TBD	MWF	TBD	TBD	TBD
3	22B-L03	Spanish Level III	1 - 12	TBD	MWF	TBD	TBD	TBD
4	22B-L04	Chinese Level I	1 - 12	TBD	MWF	TBD	TBD	TBD

(10) Computer Programming

#	Class Code	Class Title	Grade	Time	Dates	3-Week fee	6-Week fee	9-Week fee
1	22B-C01	Introduction to Python	5 and above	1:30 - 2:30	MWF	\$243.00	\$486.00	\$729.00
2	22B-C02	Introduction to Java	5 and above	3:00 - 4:00	MWF	\$243.00	\$486.00	\$729.00

(11) Test Prep

#	Class Code	Class Title	Grade	Time	Dates	Duration	Fee
1	22B-T01	SAT-ACT Summer 6-Week Workshop	9 - 12	9:00 - 11:50	MTWTh	June 20 - July 29, 2022	\$2,100.00
2	22B-T02	SSAT/ISEE	4 - 8	TBD	TBD	TBD	TBD

JAC 2022 Summer Class Enrollment Form						
#	Class Code	Class Title	Attendance Time (From ____ to ____)	3-Week fee	6-Week fee	9-Week fee
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
					Grand Total (\$)	

Student Information for JAC 2022 Summer Class					
Student Name:		Grade in 2022 Fall		Student Email:	
Student Address				School Name	
Parent Name:		Parent Cell:		Parent Email:	
Payment Method: (Please check one or more)	Check	Zelle	Venmo	Other	
Please email the completed form to dyleng@jengacademic.com					

Highlights of 22B-E05:

New York Times Summer Reading Contest

MWF, 12:30 - 1:30 pm for grades 6 - 8

This class invites students and teachers to participate in the **Summer Reading Contest** hosted by New York Times. It is included to help students

- (1) become more aware of the world and their place in it;
- (2) learn how to navigate sophisticated nonfiction;
- (3) practice writing for an audience; and
- (4) have fun reading the newspaper!

1. For 10 weeks in this summer, NYT will publish a post asking the same question: "What got your attention in The Times this week?"
2. You can choose anything you like that was published in the print paper or on NYTimes.com in 2022, including articles, Op-Eds, videos, graphics, photos and podcasts.

3. You can participate as often as every week, but we allow only one submission per person per week.
4. Responses must be 1,500 characters or fewer. A contest rubric as well as a guide will be provided to students that details four simple ways to make your response stand out.
5. Any teenager anywhere in the world is invited to join us, if you are in middle or high school, or if you graduated from high school in 2022 and haven't started college yet.



Highlights of 22B-E07:

Research & Writing

MWF, 12:30 - 1:30 pm, for grades 9 - 11

Research & Writing, 22B-E07, is designed to help students learn the basic skills required for research paper or report writing. It serves as a guide through the complexities of turning a topic or question into a research problem whose significance matches the effort that you put into solving it. In this class, students will learn how each part of the writing process influences all the others—how asking questions about a topic prepares the researcher for drafting, how drafting can reveal problems in an argument, how writing an introduction can send you back to a search for more sources.

In particular, Writing & Research aims to show our students

- (1) how to organize and draft a report that justifies the effort;
- (2) how to read their reports as their readers will so that they can revise it into one that

they will read with the understanding and respect the report deserves;

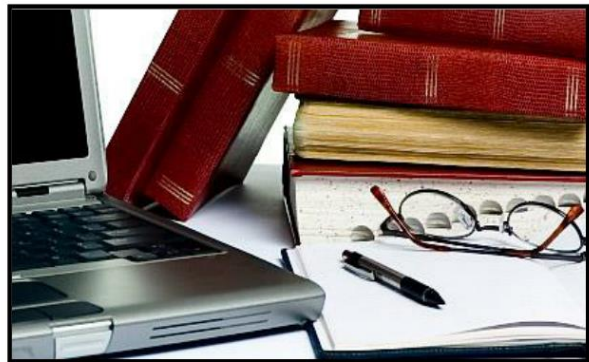
(3) how build an argument that motivates readers to take their claims seriously;

(4) how to anticipate the reservations of thoughtful but critical readers and then respond appropriately;

(5) how to create an introduction and conclusion that answer that toughest of questions from readers, So what? and thereby know when and how to revise it

This class will be ideal for students in grades 9 to 11.

Writing a Research Paper



Highlights of 22B-L03:

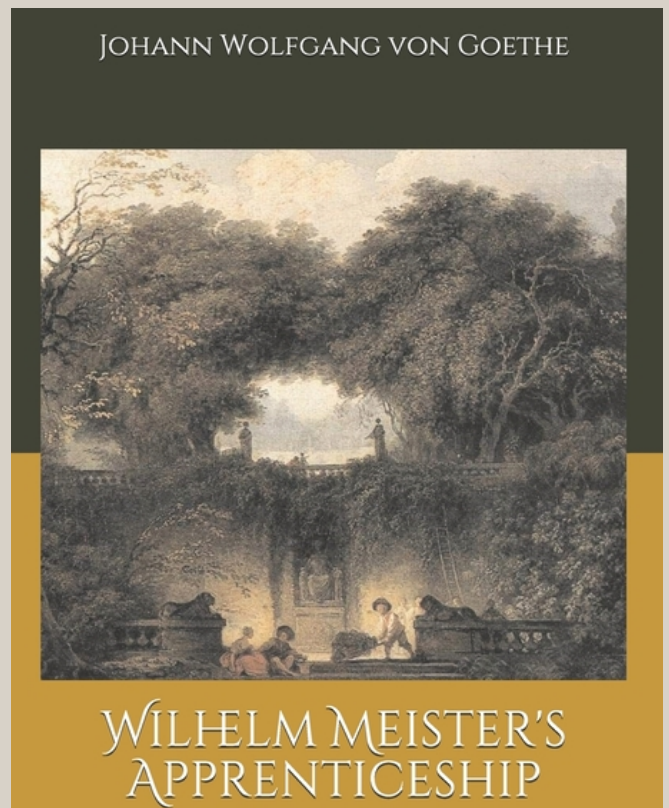
Wilhelm Meister's Apprenticeship

TuTh, 5:30 - 6:30 pm, for grades 7 - 9

Wilhelm Meister's Apprenticeship, 22B-L04, classic bildungsroman by Johann Wolfgang von Goethe, published in German in four volumes in 1795-96 as Wilhelm Meisters Lehrjahre. Wilhelm Meisters Wanderjahre (1821; published in final form, 1829; Wilhelm Meister's Travels), Goethe's final novel, can be considered a sequel in which Wilhelm moves into the next phase of his life.

The Apprenticeship sets forth the 18th-century humanistic ideal of self-education and the development of intellect. The Travels reflects Goethe's commitment to 19th-century social and technological progress. In the Apprenticeship, Wilhelm Meister is a young man who, after being disillusioned by his first love, sets out to travel. Following a series of incidents—including his rescue of a mistreated young girl from a group of traveling acrobats and his joining an acting troupe—

he learns that, in a certain sense, all of life is an apprenticeship. In the Travels, Wilhelm and his son Felix wander. Their adventures are less important than Goethe's interpolated social philosophy, including his discourses on the individual's role in society.



Highlights of 22B-L02:

Lord of the Flies

TuThu, 5:30 - 6:30 pm, for grades 8 - 10

Lord of the Flies, 22B-L03, touches upon issues of human nature, will to power, war, and civilization, all of which eminently more important in 2022, especially given the threat of war between Ukraine and Russia. Today's decision makers, politicians, military leaders were without exception once young students whose perception of and attitude toward war shape their policies that affect the lives of millions of people. It is imperative that all American students study this literary work to think deeply about morality vs. immorality, group vs. individual thinking, and rational vs. emotional response under various human conditions.

The central theme of Lord of the Flies is the conflicting human impulses toward civilization and social organization—living by rules, peacefully and in harmony—and toward the will to power. How these play out and how different people feel their

influence provides ample opportunities for young students to explore these vital themes that are closely tied to the fate of generations of people now and in the



future.

Highlights of 22B-H01

Ancient World for Curious Historians-(A)

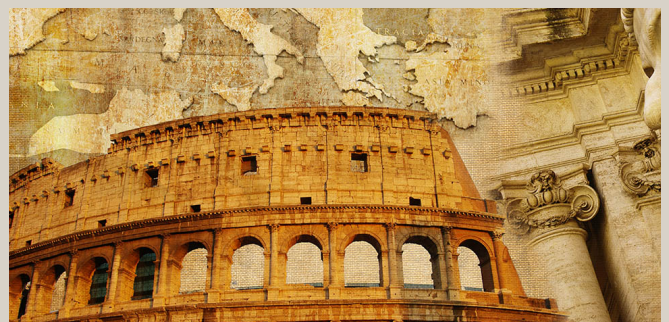
MWF, 1:30 - 2:30 pm, for grades 3 - 4

Ancient World for Curious Historians-A, 22B-H01, provides a study of the past for our young students in grades 3 - 5. History introduces them to various heroes and villains who teach them something of virtue and vice. It shows the young minds how some people are tempted to become cowardly in times of danger, but also how some people demonstrate courage and bravery.

It shows them how people with great power are easily tempted to become cruel and greedy, but also how some people use their power to generously bless and help others. It also shows us how people can be both kind and cruel at different times— for many people are a blend of virtue and vice! In other words, **the study of history can serve as a model to show us how to be virtuous and wise and avoid being selfish and cruel.** It provides us with cautionary tales and warnings but also with inspiring

stories that encourage us to be brave, generous, kind, and daring.

The famous Roman historian Livy said, “The study of history is the best medicine for a sick mind” because history gives a long record of examples of human behavior and experiences that we can all see. He said that in this record we will find both for ourselves and our country “examples and warnings: fine things to take as models, base [corrupt] things, rotten through and through, to avoid.” As students of history, we should imitate the good examples we find in history and avoid those things that are cruel and rotten. If Livy is right, then we can become better, more virtuous people by studying history.



Highlights of 22B-H02

Ancient World for Curious Historians-(B)

MWF, 2:30 - 3:30 pm, for grades 4 - 5

Ancient World for Curious Historians-A, 22B-H01, provides a study of the past for our young students in grades 3 - 5. History introduces them to various heroes and villains who teach them something of virtue and vice. It shows the young minds how some people are tempted to become cowardly in times of danger, but also how some people demonstrate courage and bravery.

It shows them how people with great power are easily tempted to become cruel and greedy, but also how some people use their power to generously bless and help others. It also shows us how people can be both kind and cruel at different times— for many people are a blend of virtue and vice! In other words, **the study of history can serve as a model to show us how to be virtuous and wise and avoid being selfish and cruel.** It provides us with cautionary tales and warnings but also with inspiring stories that encourage us to be brave, generous, kind, and daring.

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Highlights of 22B-S02

The World of Astronomy

TuThu, 2:30 - 3:30 pm, for grades 5 - 7

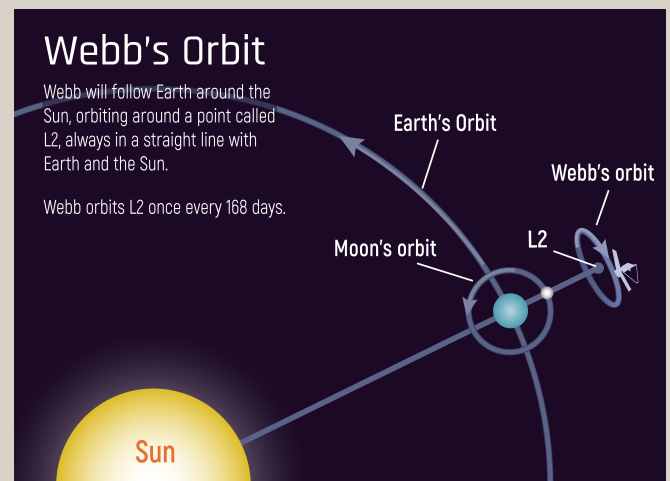
The World of Astronomy, 22B-S02, is designed to introduce middle schoolers to the world of astronomy, which is considered by many to be the oldest science, long before the invention of the telescope, when human beings looked at the stars. The word astronomy comes from the Greek words *aster* which means "star" and *nomas* which means "to assign, distribute, or arrange." The word astronomy literally means "to assign or arrange the stars." Astronomers are scientists who assign names to all the celestial bodies in space, including stars, and study how they exist and move in space.

Today, astronomers can see many more stars than their ancient predecessors could. Modern astronomers can also see details about the planets and stars that were not visible in ancient times.

Telescopes, radios, and cameras are just some of the tools astronomers use when studying the planets and stars. Modern astronomers also use chemistry and physics to understand astronomical data. Understanding how planets move requires knowing the physics behind gravity, inertia, and mass. Understanding how stars give off heat and light energy

requires knowing the chemistry behind nuclear reactions. And understanding how the Sun affects our weather requires knowledge of magnetic and electric fields. Modern astronomers not only have sophisticated tools to explore the universe, they also have centuries of complicated mathematics, chemistry, and physics to help them understand how the universe works.

The practice of astronomy changed dramatically after the invention of the telescope, a scientific tool that uses lenses to magnify distant objects. In the 1600's Galileo Galilei, an Italian scientist considered to be the first modern astronomer, used the telescope to look at the planets. Galileo was also able to see the moons of Jupiter and the rotation of the Sun.



Highlights of 22B-S03

The History of Medicine

TuThu, 3:30 - 4:30 pm, for grades 6 - 8

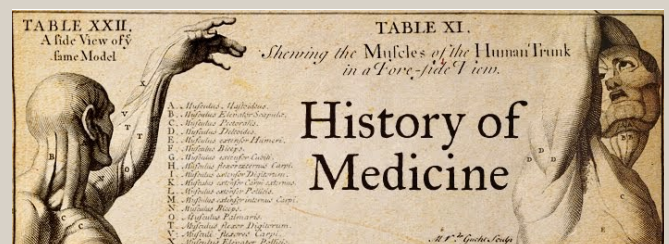
The History of Medicine, 22B-S03, is a unique summer class designed to pique the students' interest in medicine by studying its history. Medical history reflects a gradual transition from supernatural to natural explanations of human diseases and disorders. Just like the story of science (22B-S06), this class serves the dual function of teaching about interesting historical anecdotes and learning about milestones in medical progress in the understanding of human disease. This class is most suitable for middle schoolers.

Topics covered in this class include the First Physicians, Greek Medicine, Father of Modern Surgery, triumph over Smallpox, Davy Deadens Pain Morton Defeats the Pain of Surgery, Death House in Vienna . the Chemist Who Became a Doctor. Joseph Lister Fights Infection, The Search for Disease Germs, Mold Battles Bacteria, and Medicine in Today's World, to name just a few.

The most famous ancient physician, Hippocrates, a Greek, was born in 460 B.C., almost 2,500 years ago, on the island of Kos. This rocky little island is north of Rhodes off the coast of Asia Minor. Hippocrates visited Egypt early in life and studied there. He taught at various places, including Athens. Eventually he returned home and began a school of medicine on Kos.

Hippocrates taught methods that must have seemed strange to the doctors who expected to treat their patients with chanting and magic potions. Hippocrates changed all of that. He believed every disease had a natural cause. "Find the cause," he said, "then you can cure the disease."

With this class, we wish to plant a seed of a great doctor in the hearts of our students.



Highlights of 22B-S05

World Atlas & Geography

TuThu, 5:30 - 6:30 pm, for grades 5 - 7

World Atlas & Geography, 22B-S05,

marks JAC's first class to present a formal introduction to world atlas and geography. The purpose of this class is to offer a relatively thorough foundation in understanding basic terms such as hemisphere, equator, meridian, country, tropical, dry, temperate, continental, polar, alpine, etc. An atlas is a collection of maps, typically a bundle of maps of Earth or of a region of Earth. In addition to presenting geographic features and political boundaries, many atlases often feature geopolitical, social, religious and economic statistics. They also have information about the map and places in it.

Geography is about knowing the world in which we live. By studying geography, we are learning specifically about all the physical places in the world. Literally, geography means "the writing of the earth." And so, geography is about all the lands, bodies of water, and other physical features of the earth. Geography is not only concerned about physical places,

however, but also about the people in those places and what has happened there. So in this class, we will learn about places and the people who have lived there.



Highlights about 22B-S05

World Atlas & Geography

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