Hello fellow travelers. We are about to embark upon a fantastic, deep-sea adventure, and travel around the entire world to various hyperborean (undersea) regions!

Jules Verne, our author, was a French writer who was often called “The Father of Science Fiction.” He wrote this novel in 1869--during an era when scholars were trying to develop the lightbulb, and travel had just been revolutionized by steam-powered ships. To give you an idea of how futuristic this book was: the use of electricity would not be widespread until the 1920’s; cars would not be invented until around 1900, and even the telephone wasn’t invented until 1876.

In 20,000 Leagues, Verne describes the workings of an advanced, electricity-powered submarine (with accurate, scientific detail)! At the time of his writing, scientists were only just beginning to experiment with underwater travel using crank and steam power. One can see how bright, far-thinking, and creative Verne was. The book includes numerous other scientific inventions that are described in imaginative, yet scientifically accurate detail. Look out for them, and be amazed at Verne’s ingenuity and originality.

Enjoy the book! It starts out slow, but the pace quickens as you go through. There's a new adventure almost every chapter.

**Your Assignment:**

1. **Define the nautical terms** on the next page. This will help build a foundation for the descriptions you will encounter in the novel.
2. Learn about Latitude and Longitude at the link I’ve provided on page 2. Print out or draw a map of the world, and document the journey of the Nautilus from the narrator's starting coordinates (the first ones are found in Part I, Chapter 14-- 32° 40’ north latitude and 157°50’ west longitude). You may use help from a parent or the online tools I’ve listed to get those coordinates placed correctly on your map.
3. As you read, **take 1 paragraph (6-8 sentences) of notes to concisely summarize each week’s reading.** Write or type these as you go along.

**Helpful Hints:**

❖ Follow the reading schedule carefully, and attend our summer reading sessions whenever you can, especially if anything seems confusing.
❖ Always read with a dictionary in hand, in case you hit any unfamiliar vocabulary
❖ If you encounter a sea creature without a description (this happens in the book sometimes), check out the sea creatures list that is attached, wherein I have shared pictures of some of the ones Verne does not describe in detail, to help give you a fuller picture of the undersea environment.
Nautical Terms:
Define these nautical terms before you start the book.

Aft
Berth
Cables’ length
Fathom
Hold (ship)
Hull
Knot (measurement)
League (nautical)
Port (ship)
Quarter-Deck
Starboard (ship)

Soundings: Use of sonar (sound waves) to detect the surface of the ocean floor, or other ships.
Reading Schedule:
I recommend that you complete your chapter summaries right after you complete the week’s reading, so it’s fresh.

May 25-29: Part I, Chapters 1-3
June 1-5: Chapters 4-6
June 8-12: Chapters 7-9
June 15-19: Chapters 10-12
June 22-26: Chapters 13-16
June 29-July 3: Chapters 17-20
July 6-10: Chapter 21- Part II, Chapter 1
July 13-17: Chapters 2-5
July 20-24: Chapters 6-9
July 27-31: Chapters 10-14
August 3-7: Chapters 16-18
August 10-14: Chapters 19-23

Calculating Latitude and Longitude:
Check out this website for a helpful explanation of latitude and longitude:
http://www.compassdude.com/latitude-longitude.shtml

Or...if you are more into audio-visuals, look at this nifty musical version:
https://www.youtube.com/watch?v=5Ab-gE8ov4o

Use this website to input coordinates from the book, and keep track of the journey on your own map:
http://itouchmap.com/latlong.html
List of Sea Creatures (In alphabetical order)

Alcyonariae

Annelide

Anthiae (the orange and purple fish)
Bivalve (giant)

Caranxes
Clio

Crustacea

Echinoderm
Exocoeti

Fiatoles

Flabellinae
Girelles

Gobies
Gorgones

Halcyon

Hammer-fish
Lorie

Madrepores

Melanopteron
Mollusk

Oculinae

Ophidia
Parthenopes

Polypi

Pteropods
Seabream

Snipe

Stenorrhynchi
Sturgeon

Syngnathes

Virgularia