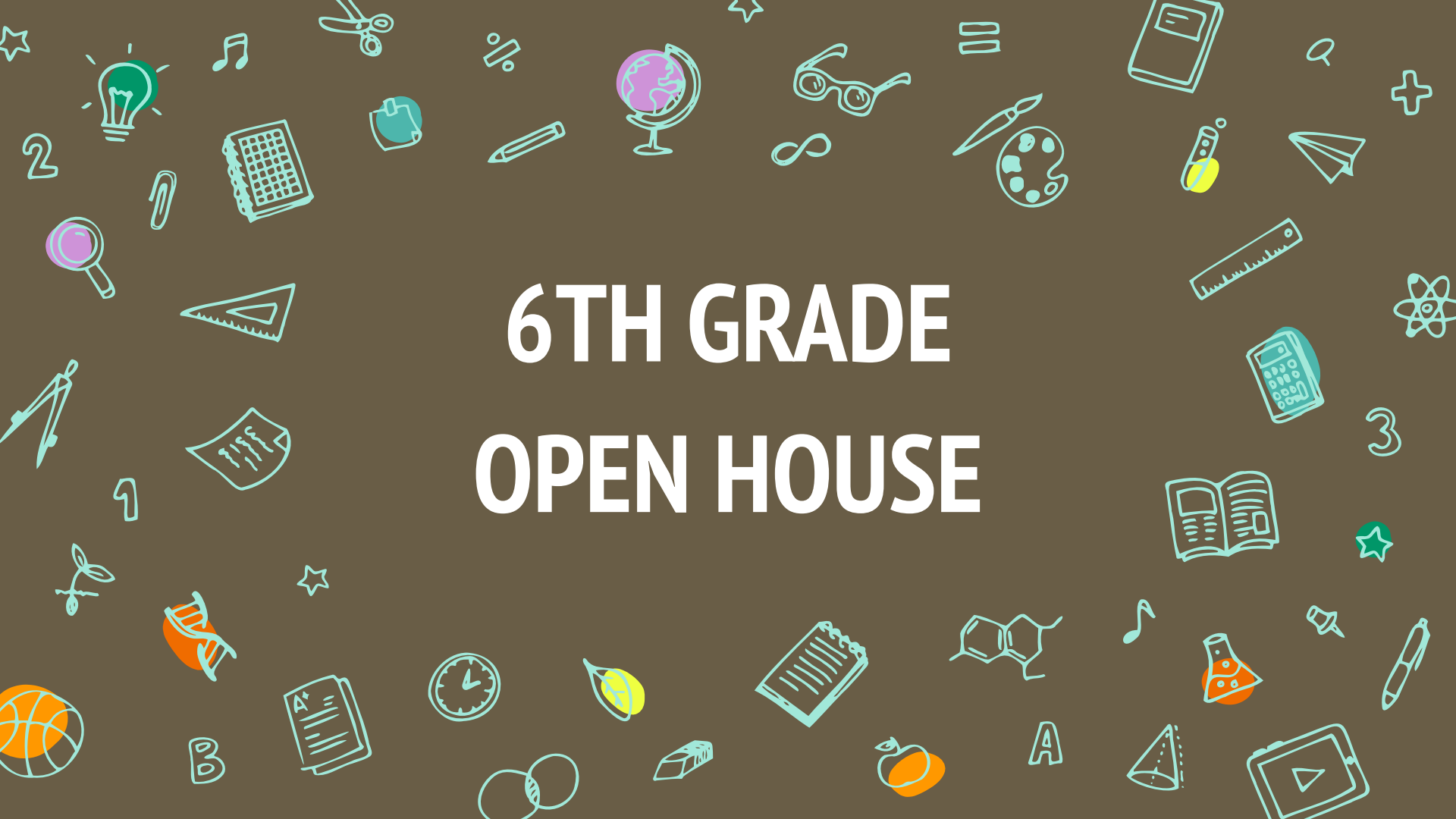


6TH GRADE OPEN HOUSE



6th Grade Team

- **Science ~ Mrs. Rolla** crolla@palos128.org
- **Social Studies ~ Mr. Janotta** ajanotta@palos128.org
- **ELA ~ Mrs. Gabriel** jgabriel@palos128.org
- **Math ~ Mrs. Rosynek** srosynek@palos128.org
- **Special Education ~ Mrs. MacFarlane** jmacfarlane@palos128.org
- **Music ~ Ms. Weaver** lweaver@palos128.org
- **Physical Education ~ Paula Stepaniuk** pstepaniuk@palos128.org
- **STEM ~ Tony Marinello** amarinello@palos128.org
- **ART ~ Mike Maholland** mmaholland@palos128.org

6th Grade Math

Mrs. Rosynek/Mrs. MacFarlane

6th Grade Performance Standards

- CC.6.NS-Number Systems
- CC.6.RP-Ratios and Proportional Relationships
- CC.6.EE-Expressions and Equations
- CC.6.G-Geometry
- CC.CLMT-Characteristics of a Successful Learner

Text Book

- Carnegie Learning

Course 1, 4th Edition ©2022

Technology

- Carnegielearning.com
- Mathia
- iXL App on iPad
- Prodigygame.com
- Xtramath.com

Math

Daily Supplies

- Math binder
- Pencils and erasers
- More Pencils and erasers!
- Charged iPad

Google Calendar

- All students have been added to their class google calendar.
- All homework is posted!

Grades/Homework

- Standards Based
- All summative and formative grades will be posted in Teacherease, with only summative grades being averaged into trimester grades
- Practice work Daily
- All work needs to be completed on time in order to move on
- All work must be shown for credit
- Students should work on skills in iXL for extra review and practice

What can you do to help your student?

- *Ask what we are working on in class*
- *Ask to see their Math binder*
- *Check TeacherEase for missing work and low summative grades*
- *Quiz on vocabulary*
- *Have them teach you a skill*
- *Encourage your student to email us for help or to answer questions*

ELA Curriculum

AMPLIFY ELA

- Reading Units Covered: The Greeks, The Titanic Collection, Mysteries & Investigations
- (Poetry, Fiction, Nonfiction, Nonfiction Narrative, Novel Studies)
- Writing Units Covered: Narrative, Literary Analysis, Argumentative Essay
- Grammar Units: Parts of Speech (REVIEW ONLY), Parts of a Sentence, Pronouns

Supplies:

- Charged iPad (Charged at 90% each morning)
- Notebooks
- Folder or a section dedicated to ELA in an accordion folder
- Pens/Pencils
- Highlighters

Google Classroom: We will use Google Classroom throughout the entire year for assignments.

Amplify ELA: Unit 1

6A: Dahl & Narrative- In this unit, students begin with narrative writing to quickly boost their interest and confidence and to learn the foundational skill of focus. Students then apply their new observational focus to some lively readings from Roald Dahl's memoir Boy, and learn how to work closely with textual evidence.

Writing: Argumentative Essay

1.MEMBEAN: Independent Online Vocabulary Program:

- Reinforce learning- Membean schedules learning and repetitions to ensure that what students learn is not forgotten.
- Differentiate instruction- Our tool customizes a learning program for each and every student based on her existing skill level and speed of progress.

45 REQUIRED MINUTES EACH WEEK- DUE EVERY MONDAY (3X a week for 15 Min.) There will be assessments given periodically throughout the school year.

2. INDEPENDENT READING: 3 BOOKS REQUIRED PER TRIMESTER (CHOICE BOARD GIVEN)

3. HOT TOPICS: Students will be required to write up and present TWO HOT TOPICS each trimester using the following APPROVED news sources. Tweentribune, Newsela, dogonews

Article summaries should be at least two paragraphs in length:

Paragraph #1 includes a detailed summary of the article

Paragraph #2 includes a reflection on the article



6th Grade Science

Mrs. Rolla



Units of Study

- Light and Matter
- Thermal Energy
- Weather, Climate, and Water Cycling
- Plate Tectonics and Rock Cycling
- Natural Hazards
- Cells and Systems

Science Resources:

- Carolina Science (OpenSciEd)
- Next Generation Science Standards
- Explore Learning ([explorellearning.com](https://www.explorellearning.com)) - Science Simulations
- Phet Simulations (phet.colorado.com)

Science Daily supplies

- **Science Notebook - (kept in classroom)**
- **Science Folder**
- **Pencils**
- **Colored Pencils**
- **Ruler, glue, scissors**
- **Charged ipad**

The 3 Dimensions of NGSS

Science and Engineering Practices

1. Asking questions & defining problems
2. Developing & using models
3. Planning & carrying out investigations
4. Analyzing & interpreting data
5. Using mathematics & computational thinking
6. Constructing explanations & designing solutions
7. Engaging in argument from evidence
8. Obtaining, evaluating, & communicating information

Disciplinary Core Ideas

Physical Science

PS 1: Matter & its interactions

PS 2: Motion & stability: Forces & interactions

PS 3: Energy

PS 4: Waves & their applications in technologies for information transfer

Life Sciences

LS 1: From molecules to organisms: structures & processes

LS 2: Ecosystems: Interactions, energy, & dynamics

LS 3: Heredity: Inheritance & variation of traits

LS 4: Biological evaluation: Unity & diversity

Earth & Space Sciences

ESS 1: Earth's place in the universe

ESS 2: Earth's systems

ESS 3: Earth & human activity

Engineering, Technology, & the Application of Science

ETS 1: Engineering design

ETS 2: Links among engineering, technology, science, & society

Crosscutting Concepts

1. Patterns
2. Cause & effect
3. Scale, proportion, & quantity
4. Systems & system models
5. Energy & matter
6. Structure & function
7. Stability & change

Mr. Janotta

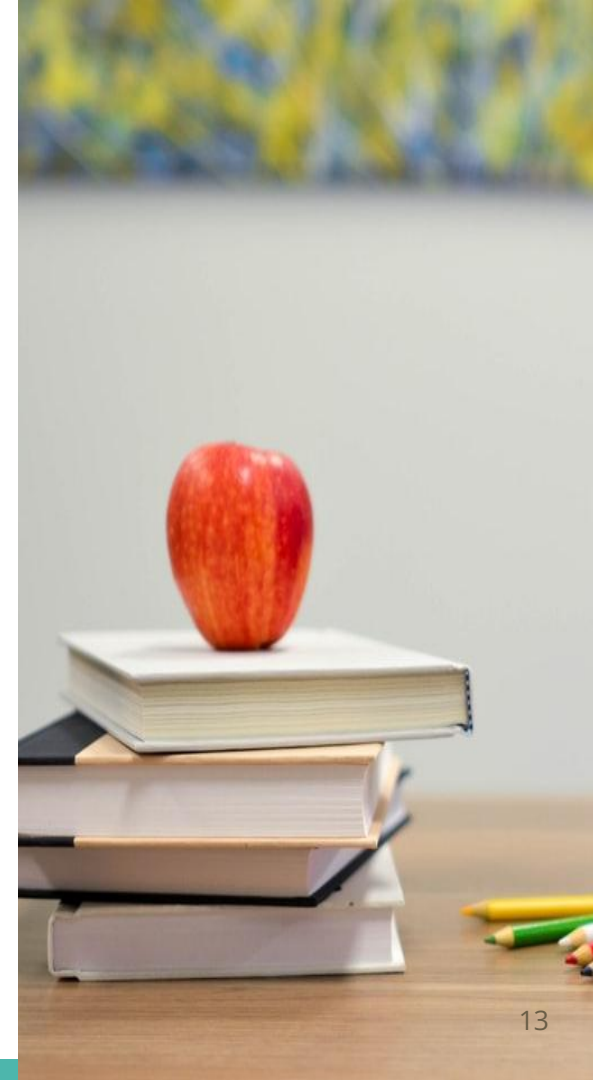
6th Grade Social Studies

These are our main Units of Study

- Early Humans
- Ancient Egypt
- Ancient China
- Ancient Greece
- Rome
- The Middle Ages in Europe
- The Renaissance and Scientific Revolution
- Exploration

We will touch upon the topics below throughout the year

- Geography
- Current Events
- World Religions
- Inquiry Skills
- Research Skills



6th Grade Social Studies

1

Social Studies Standards

- History
- Geography
- Civics
- Inquiry

Grades

- All grades are standards based.
- All Summative Grades will be posted on Teacherease.
- I usually update my grades about every two weeks.

Homework

- If students do not finish in class assignments they become homework.
- All assignments should be completed by the due date.
- I may accept late work at my discretion.

6th Grade Social Studies

1

Supplies Needed

- A notebook just for my class
- A folder or place to put handouts
- A charged iPad
- A pen or pencil

My Website

- janottaijhs.weebly.com
- Used as a jumping off page and resource throughout the year
- Students should bookmark it or keep it on their home screen.

Google Classroom

- Will be used as a resource throughout the year.
- All assignments won't be on Google Classroom
- NOT the gradebook
- Parents can monitor

6th Grade Music

All 6th grade students take General Music for 1st trimester only.



Topics covered throughout the trimester

- ★ Music theory (rhythms, note names, time signatures, etc.)
- ★ Elements of music (tempo, dynamics, timbre, texture)
- ★ Music history (Western classical)

Standalone units of study

- ★ Careers in music
- ★ Music in the movies
- ★ Science of sound

MUSIC STANDARDS AND MATERIALS

Standards

MU.PF Performance

MU.PF.1 Perform grade level rhythms

MU.PF.2 Perform musical selections with proper technique

MU.PF.3 Create original media

MU.LR Literacy

MU.LR.1 Read and notate rhythms and pitches

MU.LR.2 Analyze pieces of music using musical vocabulary

MU.LR.3 Connect music to other arts, history, and culture

Materials Needed

- iPad
- Pen or pencil
- Headphones

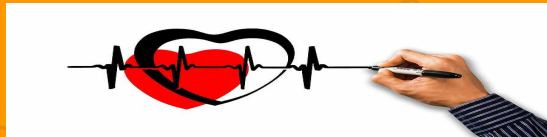


Physical Education

Corey Breyne **and** Paula Stepaniuk

What to bring

- Appropriate participation shoes, deoderant and clothing (no boots, dress shoes, sandals...)
- Water bottle
- Ipad when necessary
- Units and fitness days
 - Heart rate monitors
 - Polar HR monitors
 - Team sports, personal and team fitness,
 - Cardio and Character "Cash" Rewards
 - Class cash reward incentives for positive actions
 - PE jobs



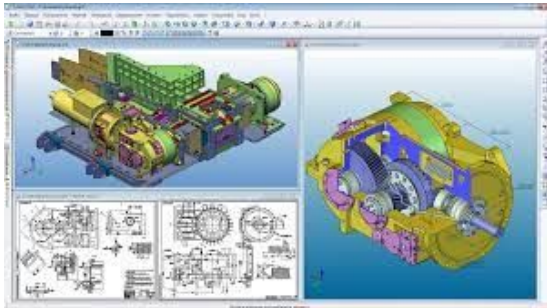
S.T.E.M.

MR. MARINELLO

amarinello@palos128.org

DESIGN + MODELING

- DESIGN PROCESS
- TOOLS + SAFETY
- CODING
- TECHNICAL DRAWING
- MODEL/ PROTOTYPE DESIGN
- MEASUREMENT
- STATISTICAL ANALYSIS
- COMPUTER AIDED DRAFTING
- ADDITIVE MANUFACTURING



MATERIALS

- GRAPH PAPER NOTEBOOK
- PENCILS AND PENS
- CHARGED IPAD

SOFTWARE + APPS

- GOOGLE CLASSROOM
- TINKERCAD
- CODE.ORG
- SWIFT PLAYGROUND



6TH GRADE ART

MR. MAHOLLAND

mmaholland@palos128.org



SYMBOLISM & REALISM

We will be focusing on ancient art and the Renaissance period of art history.

UNITS

- **PERSPECTIVE DRAWING**- Art becomes more realistic during the Renaissance.
- **GRAPHIC DESIGN** - Combine text and imagery for maximum visual impact.
- **POTTERY** - Design and build an animal-themed ceramic vessel.
- **PAINTING** - Australian Aborigines create vibrant paintings made of dots.



STANDARDS

- **Creating (Process)**--Demonstrate willingness to experiment, try new things, and make good use of class time.
- **Creating (Product)**--Reflect on and revise work accordingly.
- **Responding**--Create a convincing argument to evaluate a piece of artwork.

MATERIALS

- Sketchbook, Pencils, Stylus, Headphones, Coloring Supplies

Digital Assignment Notebook (Example)

<u>MONDAY April 4</u>			Week of April 4 - April 8
Math: SS: STEM: ELA: Science: Band/PE:		<u>THURSDAY April 7</u>	
Math: SS: STEM: ELA: Science: Band/PE:			
<u>TUESDAY April 5</u>		<u>FRIDAY April 8</u>	
Math: SS: STEM: ELA: Science: Band/PE:			
<u>WEDNESDAY April 6</u>			
Math: SS: STEM: ELA: Science: Band/PE:		-Math iXL -ELA Independent Reading and Membean	



THANK YOU!