We hope that each of you and your families are healthy and adapting as we all navigate these unprecedented times. We miss each one of our students and the energy they bring to each school day. We truly appreciate your continued enthusiasm for learning during these weeks of remote learning from home.

The focus of this packet is to maintain and deepen existing skills and content, while introducing key concepts and skills from the fourth quarter curriculum. There are activities and tasks for the next two weeks. For each week, there is a coursework menu that highlights what learning you should focus on in each subject area. We encourage you to plan out your week and make a schedule of the bottom of the weekly coursework page.

We know this packet cannot replicate the interactions between teachers and students in a classroom, yet we are hopeful that these activities will keep students engaged and allow them to have meaningful learning experiences while at home.

Please take care of yourself! Check out the SCSD webpage for Daily Social Emotional Learning Tips

What if my teacher gives me different work?

## Where should I turn in my packet when I am done?

## How can I get help?

What online learning resources are available?

You should prioritize any work that your teacher provides. Your teacher knows you best and knows what you should be working on! If you are in regular contact with your teacher, they will guide you on how to best use this packet.

Each school has established a way to collect completed materials. Reach out to your school or teacher and they will give you instructions on the process.

A copy of this packet has been shared with your teacher. They will be able to help you if you have questions or are unable to complete any of the work.

Syracuse City School District students have a variety of high-quality online resources available to them to continue their learning beyond the four walls of the classroom. You can log into these resources from any device with internet access. Go to www.bit.ly/scsdclever to log in and access the various digital content available for you!

## ADDITIONAL RESOURCES

## syracusecityschools.com/coronavirus

This web page was created to provide resources and keep the Syracuse City School District community informed. This is the official source of information on COVID-19 for the District. The page will be updated frequently, so please check back regularly for information on cancellations, learning at home, and meal pick-ups. Please also check out the Social Emotional Learning Tip of the Day!


Meal Pick-Up

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Classroom＂will allow children to continue to connect with staff and have the continuity of a classroom experience at home in Syracuse and across the 19 counties in physical education，and social studies．With schools closed，WCNY and SCSD are committed to providing educational opportunities to audiences of all ages．WCNY＇S＂TV network．WCNY＇s TV Classrooms are targeted for students in grades K－12 and provide curriculum in the subjects of English language arts，math，science，health and


Grade 6 | May 4 - May 8


ELA,
$\square$ Read! "Hamlet 1.3.78" and complete the questions following the passage.
Reading \&
$\square$ Read! "The Taming of the Shrew Induction 1.12" by Gary Soto and complete the activity.
Writing
$\square$ Write! Complete the Pairing Questions following both passages.
$\square$ View! Watch a lesson on "Hamlet 1.3.78" and "The Taming of the Shrew Induction 1.12." You can watch it on WCNY TV Classroom airing at 3:30 on 5/4 and 5/6.

$\square$ Watch! your weekly WCNY Lesson with Ms. Hughley and Mr. Stoll on Tuesday at 9:30 A.M. Use the provided Cornell note paper to take notes.
$\square$ Give it a Go! Complete the practice problems that go along with the WCNY Lesson from last week.
$\square$ Review! If you missed the WCNY Lesson work on the "Refresh and Review" work.

## Science $\quad$ View! Watch a lesson on Types of Rocks on WCNY TV Classroom airing at 12:00 on 5/4.

$\square$ Write! Complete Types of Rocks Worksheet


## Social <br> Studies

$\square$ Preview the Reading: Watch a video or observe the picture.
$\square$ Read! "China's Han Dynasty" and answer the questions after each section.
$\square$ Write! What were the main features of the Zhang, Qin and Han? Which was the best?


Fine Arts

$\begin{array}{ll}\square & \text { Art - SCSD Strong Art Project } \\ \square & \text { Music - Be a Music Producer Project }\end{array}$

Physical
$\square$ Complete the Wellness Journal.
Education
$\square$ Use Tabata-style activity intervals to help you progress toward a daily physical activity goal of 60 minutes of moderate to vigorous physical activity.

SET AND ACHIEVE GOALS! My plan for the week:

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| :---: | :---: | :---: | :---: | :---: |
| AM | AM | AM | AM | AM |
| ................... |  |  |  |  |
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## Hamlet 1.3.78

By Gary Soto
2016

Gary Soto is an American poet, novelist, and memoirist. "Hamlet 1.3.78" comes from a collection called You Kiss By Th' Book. Soto begins every poem in this collection with a line from Shakespeare's plays, but then takes the poem in new and often surprising directions. As you read, take notes on the poem's use of imagery.

This above all: to thine own self be true. ${ }^{1}$
Alas, I confess that I am not true to myself but to you -
The stars reveal this, the mighty oak and the rose, The flinty ${ }^{2}$ rocks I skipped across a brook.

I have walked my loneliness to the sea, And the sea roared in both ears. I swallowed and tasted sadness.
I lay in the grass and closed my eyes I saw only you, in a dress white as a cloud.

Admittedly, I'm not as tall as thee, Neither smart as thee, nor rich as thee.

"Story" by rossyyume is licensed under CC BY-NC-ND 2.0.

Yet, my dearlamb, Let me be your admirer. I am a stable boy, You a rich farmer's daughter. Let me be like wheat in wind, bending just so, Not the weak-stemmed daffodil, bent in rain,

Dipping its face in mud churned ${ }^{\mathbf{3}}$ by a workman's clogs
From You Kiss By Th' Book © 2016 by Gary Soto. Used with permission of Chronicle Books LLC, San Francisco. Visit www.chroniclebooks.com.

Consider the final image of the poem in lines 16-18. How does this image contribute to the theme of the poem?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
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1. "This above all: to thine own self be true" is a famous line from Act I Scene $\mathbf{3}$ of William Shakespeare's Hamlet.
2. "Flinty" means containing or resembling flint, a hard gray rock.
3. Churn (verb): to stir or mix something with force

## The Taming of the Shrew-Induction 1.12

Soto2016

Gary Soto is an American poet, novelist, and memoirist. "The Taming of the Shrew-Induction 1.12" comes from a collection called You Kiss By Th' Book. Soto begins every poem in this collection with lines from Shakespeare's plays, but then takes the poems in new and often surprising directions As you read, take notes on how the speaker uses hyperbole.
[1] I'll not budge an inch - ${ }^{1}$ Nay, not an inch if you insist on two. A coward I am not, or a lily of a man. Still, I could spare six inches,
[5] Perhaps a foot for good cause, Three feet, the width of a doorway, The length of a long fence, A pathway with afternoon shadows, The span of a bridge over a tame river...
[10] A neighborhood I'llbudge, A borough, ${ }^{2}$ the whole of London, The expanse of a Sussex ${ }^{3}$ estate, Unfenced Stratford, a portion of Wales, The highlands of Scotland.
[15] I have pride, restraint, and a lion's roar! I'm determined not to budge an inch, Unless, little kitty, ${ }^{4}$ that inch of my lap belongs to thee.

"Taming-of-the-shrew-1" by Georges Nijs is licensed under CC BY-NC-ND 2.0.

[^0]1. This line comes from the Induction to The Taming of the Shrew, the frame-story of the play, in which lower-class drunk, Christopher Sly, is tricked into believing he is a nobleman, and made to watch a play. Sly says this line when the owner of a tavern asks the drunk Sly to leave, and he refuses, ready to take on the authorities.
2. a town ordistrict
3. a historic county in southeast England
4. most likely a reference to The Taming of the Shrew, as the "shrew" character was named "Kate"

## Text-Dependent Questions

## Directions: For the following questions, choose the best answer or respond in complete sentences.

1. PART A: Which of the following best identifies the central theme of this poem?
A. Stubborn people usually cannot be convinced to change.
B. Desire can motivate even stubborn individuals to do as others wish.
C. Love encourages people to change for the better.
D. Individuals are often willing to lie to impress their loved ones.
2. PART B: Which phrase from the text best supports the answer to Part A?
A. "I'll not budge an inch — / Nay, not an inch if you insist on two." (Lines 1-2)
B. "A pathway with afternoon shadows, / The span of a bridge over a tame river..." (Lines 8-9)
C. "A neighborhood I'll budge, / A borough, the whole of London," (Lines 10-11)
D. "I'm determined not to budge an inch, / Unless, little kitty, that inch of my lap belongs to thee." (Lines 16-17)
3. PART A: What does the phrase "lily of a man" most closely mean as it is used in line 3? [RL.1]
A. a romantic lover
B. a French nobleman
C. an anxiousweakling
D. a roguish scoundrel
4. PART B: Which phrase from the text best supports the answer to Part A?
A. "not an inch if you insist on two" (Line 2)
B. "A coward I am not" (Line 3)
C. "for good cause" (Line 5)
D. "a tame river" (Line 9)

In "Hamlet 1.3.78" and "The Taming of the Shrew - Induction," who has more control over the romantic situation: the men or the women? Why? [RL.9]

## SCSD Strong Art Project

May 4-8, 2020


#### Abstract

A heart is a symbol for love and strength. Create a heart with whatever you would like. Draw it, paint it, make it in sidewalk chalk, make a heart shape cookie, or even draw it below. Make a heart out of anything you would like! Put your name, nickname or initials on the inside. If you can, send a picture of it to your art teacher or return this with you completed packet to school. We would like to show the love and strength of our SCSD school community by displaying all of our collective hearts in one art piece.


## Be a Music Producer Project

May 4-8, 2020
Create an album or playlist of 3 songs that would tell someone's story. It could be your story, a family member's story, a friend's story or a fictional character's story. The story could be about their whole life or just a small part of it. For each song, write the title and artist, why you chose it and how it helps to tell the person's story.

## Math Grade 6: "Give It a Go" - WCNY Lesson from April 28 ${ }^{\text {th }}$

## Week of May $4^{\text {th }}$ - Rational Numbers and Inequalities

You will compare positive and negative numbers with inequalities symbols (< and >). You will also graph inequalities in one variable, such as $x<1$ or $1>x$, on the number line.

For example, to represent the statement "the temperature in Celsius ( x ) is less than 1 degree," we can write the inequality $x<1$ and draw a number line like this:


The diagram shows all numbers to the left of 1 (or less than 1) being possible values of $x$. We call any value of $x$ that makes an inequality true a solution to the inequality.

## Example:

A sign at a fair says, "You must be taller than 32 inches to ride the Ferris wheel." Write and graph an inequality that shows the heights of people who are tall enough to ride the Ferris wheel.

Solution: If $x$ represents the height of a person in inches, then the inequality $x>32$ represents the heights of people who can ride the Ferris wheel. We can also write the inequality $32<x$.

The graph of the inequality is:


## Practice:

1. At the book sale, all books cost less than $\$ 5$.
a. What is the most expensive a book could be?
b. Write an inequality to represent costs of books at the sale.
c. Draw a number line to represent the inequality.
2. Kiran started his homework before 7:00 p.m. and finished his homework after 8:00 p.m. Let $h$ represent the number of hours Kiran worked on his homework.

Decide if each statement it is definitely true, definitely not true, or possibly true. Explain your reasoning.
a. $\quad h>1$
b. $h>2$
c. $\quad h<1$
d. $\quad h<2$
3. Select all numbers that are solutions to the inequality $k>5$.

4
5
6
5.2
5.01
0.5
4. A sign on the road says: "Speed limit, 60 miles per hour."
a. Let $s$ be the speed of a car. Write an inequality that matches the information on the sign.
b. Draw a number line to represent the solutions to the inequality.

c. Could 60 be a value of $s$ ? Explain your reasoning.
5. One day in Boston, MA, the high temperature was 60 degrees Fahrenheit, and the low temperature was 52 degrees.
a. Write one or more inequalities to describe the temperatures $T$ that are between the high and low temperature on that day.
b. Show the possible temperatures on a number line.

6. There is a closed carton of eggs in Mai's refrigerator. The carton contains $e$ eggs and it can hold 12 eggs.
a. What does the inequality $e<12$ mean in this context?
b. What does the inequality $e>0$ mean in this context?
c. What are some possible values of $e$ that will make both $e<12$ and $e>0$ true?
7. Tyler has more than $\$ 10$. Elena has more money than Tyler. Mai has more money than Elena. Let $t$ be the amount of money that Tyler has, let $e$ be the amount of money that Elena has, and let $m$ be the amount of money that Mai has. Select all statements that are true:
a. $\quad t<j$
b. $\quad m>10$
c. $\quad e>10$
d. $\quad t>10$
e. $\quad e>m$
f. $t<e$

## Reflection:

| Learning Target |  |  |  |
| :--- | :--- | :--- | :--- |
| I can graph inequalities on a number <br> line. | I am not there yet. I <br> need some help. | I am getting there. I need <br> to practice more. | I've got it! I can teach <br> someone. |
| I can write an inequality to represent <br> a situation. | I am not there yet. I <br> need some help. | I am getting there. I need <br> to practice more. | I've got it! I can teach <br> someone. |
| I can determine if a particular number <br> is a solution to an inequality. | I am not there yet. I <br> need some help. | I am getting there. I need <br> to practice more. | I've got it! I can teach <br> someone. |
| I can explain what it means for a <br> number to be a solution to an <br> inequality. | I am not there yet. I <br> need some help. | I am getting there. I need <br> to practice more. | I've got it! I can teach <br> someone. |
| I can graph the solutions to an <br> inequality on a number line. | I am not there yet. I <br> need some help. | I am getting there. I need <br> to practice more. | I've got it! I can teach <br> someone. |
| I can explain what the solution to an <br> inequality means in a situation. | I am not there yet. I <br> need some help. | I am getting there. I need <br> to practice more. | I've got it! I can teach <br> someone. |

## Questions I need to ask my teacher:

# Dividing Fractions: 

$2 \div \frac{1}{3}=$ ? can be viewed as "how many $\frac{1}{3} \mathrm{~s}$ are in 2 ?"
2
$2 \div \frac{1}{3}=?$

$\longrightarrow 2 \div \frac{1}{3}=2 \cdot \frac{3}{1}=\frac{2 \cdot 3}{1}=\frac{6}{1}=6$

- $2 \div \frac{2}{3}=$ ? can be viewed as "how many $\frac{2}{3}$ s are in 2 ?"

2
$2 \div \frac{2}{3}=?$

$\xrightarrow{ } 2 \div \frac{2}{3}=2 \cdot \frac{3}{2}=\frac{2 \cdot 3}{2}=\frac{6}{2}=3$

- $2 \div \frac{4}{3}=$ ? can be viewed as "how many $\frac{4}{3} \mathrm{~s}$ are in 2 ?"

2
$2 \div \frac{4}{3}=?$

$\longrightarrow 2 \div \frac{4}{3}=2 \cdot \frac{3}{4}=\frac{2 \cdot 3}{4}=\frac{6}{4}=1 \frac{2}{4}=1 \frac{1}{2}$

Generalization: To divide fractions, multiply the dividend by the reciprocal of the divisor.

$$
\frac{2}{3} \div \frac{1}{4}=\frac{2}{3} \cdot \frac{4}{1}=\frac{8}{3}=2 \frac{2}{3}
$$

## Practice:

1. Draw a model and solve the following:
a.) One recipe for Mac \& Cheese need $\frac{1}{4}$ cup of butter. How many recipes of Mac \& Cheese can I make with $2 \frac{1}{2}$ cups of butter?

Draw a model and solve the following:
b.) $5 \div \frac{5}{6}=$
2. Priya is sharing 24 apples equally with some friends. She uses division to determine how many people can have a share if each person gets a particular number of apples. For example, 24:4=6 means that if each person gets 4 apples, then 6 people can have apples. Here are some other calculations:
$24 \div 4=6$
$24 \div \mathbf{2}=12$
$\mathbf{2 4} \div \mathbf{1}=\mathbf{2 4}$
$24 \div \frac{1}{2}=$ ?
a.) Priya thinks the "?" represents a number less than 24. Do you agree? Explain or show your reasoning.
b.) What does the divisor or $1 / 2$ mean in the context of this question?
c.) In the case of $24 \div \frac{1}{2}=$ ?, how many people can have apples?
3.) A rectangular bathroom floor is covered with square tiles that are $1 \frac{1}{2}$ feet by $1 \frac{1}{2}$ feet. The length of the bathroom floor is $10 \frac{1}{2}$ feet and the width is $6 \frac{1}{2}$ feet. (If you get stuck, draw a model).
a.) How many tiles does it take to cover the length of the floor?
b.) How many tiles does it take to cover the width of the floor?

## Reflection:

| Learning Target |  | I am not there yet. <br> I need some help. | I am getting there. I <br> need to practice <br> more. |
| :--- | :--- | :--- | :--- |
| I can divide fractions to solve <br> problems. | I've got it! I can <br> teach someone. |  |  |

## Questions I need to ask my teacher:

After you complete the problems, check to see how you did. Not all of the answers are provided here. If you see that you made a mistake, try to figure out what you may have done and then check the other problems.

1. a. 10 recipes b. 6
2. a. No I don't agree. Draw a picture to justify why.
3. If I draw a picture, I need to figure out how many times $1 \frac{1}{2}$ fit into $10 \frac{1}{2}$. I know that 5 tiles would be $1 \frac{1}{2}+1 \frac{1}{2}+1 \frac{1}{2}+1 \frac{1}{2}+1 \frac{1}{2}=7 \frac{1}{2}$ How many more to get to $10 \frac{1}{2}$ ?

| Qssential Question: | Name: |
| :--- | :--- | :--- |
| Questions: | Notass: |
| Sumes: | Date: |



Name: $\qquad$
This wellness journal is your instructional guide through a 2 -week wellness home study. It has been designed with a focus on the following core competencies for social and emotional learning:

## - Self-Awareness and Self-Management.

In addition, you will be working toward physical education grade-level outcomes in the areas of fitness knowledge and personal and social responsibility.
-Follow the instructions on each page, complete the exercises and writing prompts, and then if you are able to please return your finished journal to your teacher.

## This is a 2-week home study focused on:

1. Understanding self-awareness and self-management as it relates to physical activity, goal setting, and stress management
2. Exploring personal thoughts and emotions as they relate to physical activity and examine how these thoughts affect our behaviors and routines
3. Achieving personal activity goals aimed at reducing stress and boosting our body's ability to fight disease

There are 3 components to this journal:

1. First, you will complete daily physical activity and social emotional learning challenges designed to prepare our minds and body for optimal performance and creativity.
2. Second, you will use Tabata-style activity intervals to help you progress toward a daily physical activity goal of 60 minutes of moderate to vigorous physical activity.
3. Third, you will tune into WCNY for wellness and health activites: http://www.weny.org/tvclassroom/

## Your 2-week SMART goal is:



- During the next two weeks, I will be physically active for at least 60 minutes per day for a minimum of 12 of 14 days. I will track my activity using the activity $\log$ provided in this journal.

Week 1:

| Day | Activity 1 | Activity 2 | Activity 3 |  |
| :---: | :---: | :---: | :---: | :---: |
| Sample Day | Dealy <br> Health/Fitness/SEL <br> Challenge | Tabata | Get Active By Watching <br> The Daily WCNY <br> Wellness Lesson | How Many Minutes Did <br> You Do? |
| Day 1 |  |  |  |  |
| Day 2 |  |  |  |  |
| Day 3 |  |  |  |  |
| Day 4 |  |  |  |  |
| Day 5 |  |  |  |  |
| Day 6 |  |  |  |  |
| Day 7 |  |  |  |  |

Week 2:

| Day | Activity 1 | Activity 2 | Activity 3 |  |
| :---: | :---: | :---: | :---: | :---: |
| Sample Day | Daily <br> Health/Fitness/SEL <br> Challenge | Tabata | Get Active By Watching <br> The Daily WCNY <br> Wellness Lesson | How Many Minutes Did <br> You Do? |
| Day 1 |  |  |  |  |
| Day 2 |  |  |  |  |
| Day 3 |  |  |  |  |
| Day 4 |  |  |  |  |
| Day 5 |  |  |  |  |
| Day 6 |  |  |  |  |
| Day 7 |  |  |  |  |

## Daily Activity Challenges

Complete each challenge. When finished, mark an $\underline{\mathbf{X}}$ next to that day's challenge.

| Day | Challenge | Complete |
| :---: | :---: | :---: |
| $\begin{gathered} \text { Day } \\ 1 \end{gathered}$ | Create Your Own Workout: <br> - Choose any 8 exercises. <br> - Do 10 repetitions of each exercise. <br> - How many times can you complete the routine in 15 minutes? <br> Ideas: Jumping Jacks, Arm Circles, Ski- Jumps, Butterfly Stretch, Mountain Climbers, Crab Kicks, Burpees, Push-Ups, Curl-Ups, Jog in Place. |  |
| $\begin{gathered} \text { Day } \\ 2 \end{gathered}$ | -Make 3 sock balls by balling up your socks. Create three different paper targets and practice your throwing and kicking skills to hit you target. |  |
| $\begin{gathered} \text { Day } \\ 3 \end{gathered}$ | -Write a list of 5 things that you are grateful for. List people, places, or important events It's important to use positive language when we talk to others as well as in our own selftalk. Write 5 positive words or phrases you can use today. |  |
| Day | -Wall Push-ups are just like push-ups but are done standing against a wall. Do 10 sets of 10. |  |
| $\begin{gathered} \text { Day } \\ 5 \end{gathered}$ | -Go outside and play. Get active! |  |
| $\begin{gathered} \text { Day } \\ 6 \end{gathered}$ | Create Your Own Workout: <br> - Choose any 10 exercises. <br> - Do 15 repetitions of each exercise. <br> - How many times can you complete the routine in 15 minutes? <br> * Ideas: Jumping Jacks, Arm Circles, Ski- Jumps, Butterfly Stretch, Mountain Climbers, Crab Kicks, Burpees, Push-Ups, Curl-Ups, Jog in Place.* |  |
| $\begin{gathered} \text { Day } \\ 7 \end{gathered}$ | -Take a walk, jog or bike ride with a family member <br> -List 3 words or phrases that describe how you feel each time you finish being physically active |  |
| $\begin{gathered} \text { Day } \\ 8 \end{gathered}$ | -Grab a jump rope or an invisible jump rope and create a routine that includes at least 4 different "tricks." |  |
| $\begin{gathered} \text { Day } \\ 9 \end{gathered}$ | -Pick 5 different muscles to stretch. Hold each stretch for 20 seconds. <br> -You're going to practice breathing into your belly: <br> - Find a comfortable place to lay flat on your back. Place a light object (like a small book) on your belly. Close your eyes and focus on breathing. As you inhale and exhale, stay mindful of the position of the object. Is it moving? Focus on making the object move up when you inhale and down when you exhale. If the object falls off your belly, simply pick it up and place it back in position |  |
| $\begin{gathered} \text { Day } \\ 10 \end{gathered}$ | -Write/talk about 5 things you can do to help your mind and body relax. <br> -If you could choose one place in the world where you could go to relax, where would it be and why did you choose this place? |  |
| $\begin{gathered} \text { Day } \\ 11 \end{gathered}$ | -Play 10 games Rock Paper Scissor with a family member. The winner of each game picks an exercise for both of you to complete. |  |
| $\begin{gathered} \text { Day } \\ 12 \end{gathered}$ | -How many jumping jacks can you do in 15 minutes? Do your 'jacks in sets of 25 with a break in between. |  |
| $\begin{gathered} \text { Day } \\ 13 \end{gathered}$ | Create an indoor or outdoor obstacle course. What are different ways you can maneuver throughout the course? |  |
| $\begin{gathered} \text { Day } \\ 14 \end{gathered}$ | Create Your Own Workout <br> - Choose any 8 exercises. <br> - Do 10 repetitions of each exercise. <br> - How many times can you complete the routine in 15 minutes? <br> * Ideas: Jumping Jacks, Arm Circles, Ski- Jumps, Butterfly Stretch, Mountain Climbers, Crab Kicks, Burpees, Push-Ups, Curl-Ups, Jog in Place.* |  |

TABATA Time!
$\checkmark$ Tabata workouts combine 20 seconds of vigorous activity with 10 seconds of rest in between each set.
$\checkmark$ We may adjust our timing and intensity throughout the module,
$\checkmark$ 4-minute workouts using his timing formula can have positive results on a person's overall fitness.
We'll focus on 2 types of Tabata activity routines - "One and Done", and "Double or Nothing." Then, you can use the blank routine chart to create your own workout.

## One and Done

This format is called "one \& done" because each exercise is only done 1 time during the routine.

| Set \# | Exercise Name | Interval Start |
| :---: | :--- | :---: |
| $\mathbf{1}$ | Jumping Jacks (20 seconds) <br> Rest 10 seconds | $\mathbf{0 : 0 0}$ |
| $\mathbf{2}$ | Lunges (20 seconds) <br> Rest 10 seconds | $\mathbf{0 : 3 0}$ |
| $\mathbf{3}$ | Hold Plank Position (20 seconds) <br> Rest 10 seconds | $\mathbf{1 : 0 0}$ |
| $\mathbf{4}$ | Invisible Jump Rope (20 seconds) <br> Rest 10 seconds | $\mathbf{1 : 3 0}$ |
| $\mathbf{5}$ | Squats (20 seconds) <br> Rest 10 seconds | $\mathbf{2 : 0 0}$ |
| $\mathbf{6}$ | Plank Leg Raises (20 seconds) <br> Rest 10 seconds | $\mathbf{2 : 3 0}$ |
| $\mathbf{7}$ | Jog in Place with High Knees (20 seconds) <br> Rest 10 seconds | $\mathbf{3 : 0 0}$ |
| $\mathbf{8}$ | Plank Arm Raises (20 seconds) <br> Rest 10 seconds | $\mathbf{3 : 3 0}$ |

Double or Nothing
This format is "Double or Nothing" because each exercise is done twice in a row.

| Set \# | Exercise Name | Interval Start |
| :---: | :--- | :---: |
| $\mathbf{1}$ | Lunges (20 seconds) <br> Rest 10 seconds | $\mathbf{0 : 0 0}$ |
| $\mathbf{2}$ | Lunges (20 seconds) <br> Rest 10 seconds | $\mathbf{0 : 3 0}$ |
| $\mathbf{3}$ | Hold Plank Position (20 seconds) <br> Rest 10 seconds | $\mathbf{1 : 0 0}$ |
| $\mathbf{4}$ | Hold Plank Position (20 seconds) <br> Rest 10 seconds | $\mathbf{1 : 3 0}$ |
| $\mathbf{5}$ | Squats (20 seconds) <br> Rest 10 seconds | $\mathbf{2 : 0 0}$ |
| $\mathbf{6}$ | Squats (20 seconds) <br> Rest 10 seconds | $\mathbf{2 : 3 0}$ |
| $\mathbf{7}$ | Jumping Jacks (20 seconds) <br> Rest 10 seconds | $\mathbf{3 : 0 0}$ |
| $\mathbf{8}$ | Jumping Jacks (20 seconds) <br> Rest 10 seconds | $\mathbf{3 : 3 0}$ |

## TyDPes of Rocks

## Sedimentary <br> $\mathbb{N}$ Metamorphic

How is it formed？

## How is it formed？

## 2 2 types

of metamorphic


Folideted
What to look for



## Types of Rocks

Sedimnentryy
How is it formed? Sedimentary rocks are
formed from sand, mud, dust and other rocks
being compacted and cemented over time.

of sedimentary


What to look for
O Fossils
, Small rock
fragments (pieces)

## Metamorphic

## How is it formed? Metamorphic rocks are

formed when other rocks are put under
tremendous heat and pressure.
24 印皆
of metamorphic


What to look for O Layers


Nonntondiate What to look for , Small crystals

Name: $\qquad$

- By the end of this week I will gain an understanding the Chinese Dynasties.
- By the end of this week I will be able to evaluate which Chinese Dynasty provided the best government.



## Building Knowledge through Reading and Note -Taking

## Setting the stage to help you understand the time period:

Instructions: Before embarking on the reading complete one activity below to help you understand basic information about the time period you are about to study.

Option 1: Visit https://scsdpl.padlet.org/eleach/China and choose two videos to watch. For each video list 5 things that you learned about Ancient China.

| Video |  |  |
| :--- | :--- | :--- |
| Fact \#1 |  |  |
| Fact \#2 |  |  |
| Fact \#3 |  |  |
| Fact \#4 |  |  |
| Fact \#5 |  |  |

Option 2: Examine the map and the timeline of Chinese Dynasties. Record three observations, and add a couple of "I wonder..." statements.


## Chinese Dynasties



## 1. I notice

## 2. I notice

## 3. I notice

## 4. I wonder

5. I wonder

## Must Do:

## Step One: Source the Article

Type of Source: $\qquad$ Author $\qquad$

Date Written: $\qquad$ Title (if available): $\qquad$

Step Two: Read the document and annotate the text by writing important observations and questions in the margin

## The Cultural Heights of China's Han Dynasty

By USHistory.org, adapted by Newsela staff on 06.28.17
The Han dynasty in China will always be remembered for its use of the Silk Road. It was a trade route that connected Asia with Europe. It helped to exchange goods like silk and spices with lands as far west as India and the Roman Empire. It also brought ideas such as Buddhism to the rest of the world.

China's most famous landmark is its Great Wall. It was built mostly during the Han period. The Great Wall protected the Chinese people from foreign invasions.

## Before the Han

The Shang dynasty that ruled China ended in 1111 B.C. It was replaced by dynasties called the Zhou (1111 to 221 B.C.) and the Qin (221 to 206 B.C.). They continued China's advances. Building skills improved. The use of iron became common.

But there was little unity. Feudalism became popular under the Zhou. Feudalism was a system of government. In it, the king shared his power with the area's lords. The lords paid the king to get land and fancy titles. But the Zhou became weak. The lords battled among themselves. This was called the Warring States period (403 to 221 B.C.). It only ended when all of northern China was united under the Qin.

The Qin made changes that were needed. But they were hard leaders. They often punished people. The Qin dynasty fell after just 15 years. It was replaced by the Han. The Han dynasty started in 202 B.C.

Question: Read the section "Before the Han." Summarize the problems of the Zhou and Han Dynasties?

## The Han rise and gain control

The Han gave lords their positions of power again. China was peaceful and richer. The Emperor Wu Ti is given credit for the first big successes of the early Han. He ruled for 54 years from 140 B.C. to 87 B.C. He took over lands and made China larger.

Wu Ti had heard rumors of rich lands to the west. In 138 B.C., he sent the explorer Chang Ch'ien out to search. Thirteen years later, Chang Ch'ien returned. He did not reach many western lands, but he learned about them. These places included Persia, Arabia and the Roman Empire.

Wu Ti sent Chang Ch'ien west again a few years later. These trips started the Silk Road. It was a trade route. The Chinese received goods on the Silk Road. Those goods included ivory, glass and wool. In return, the Chinese sent furs, jade and iron goods. China also sent silk. Most people outside China had never seen silk.

Question: Read the section "The Han rise and gain control." What is the importance of Chang Ch'ien's explorations?

## Another brick in the Great Wall

The Han kept building the Great Wall of China. This is one of the country's greatest creations. It began during the Qin dynasty. Wu Ti restored the wall. He also built another 300 miles. This protected China against outsiders. The Great Wall is now called one of the wonders of the world. But it came at a high price. About 10 workers died for each mile that was built.

## The Han began to fall

Medicine and astronomy advanced under the Han. The dynasty lasted for more than 400 years. But there was fighting inside the government. Other problems also made people angry. The Han dynasty lost power in A.D. 220. This started nearly 400 years of political chaos in China.

## Question: Reread the section "Before the Han." Which answer choice helps explain WHY the Qin dynasty fell?

(A) The lords paid the king to get land and titles.
(B) The lords battled among themselves.
(C) The Qin made changes that were needed.
(D) They often punished people.

Question: Which section of the article gives information about an emperor who ruled the Han dynasty for a long time?
(A) "Before the Han"
(B) "The Han rise and gain control"
(C) "Another brick in the Great Wall"
(D) "The Han began to fall

## EVIDENCE OF LEARNING

Instructions: Annotate the timeline of Chinese Dynasties. Use information from the article to list at least two facts about each Dynasty.

| Dynasties | Two Facts About This Dynasty |
| :--- | :--- |
| Zhou <br> Dynasty |  |
|  |  |
| Qin <br> Dynasty |  |

Which Dynasty was the best? Why? $\qquad$
$\qquad$
$\qquad$

## Self- Reflection

Self-Reflect by using the following key for each part of the lesson you completed this week.


I understand!


I understand a little!


I don't

Then list one thing you think you need help with next time and a goal for yourself for next week on completing your work.

| Building Knowledge |  | Reading |  | Evidence of Learning |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Parts of Lesson | (1) (1) (1) | Parts of Lesson | (1) (1) (1) | Parts of Lesson | (1) (1) $1 \cdot$ |
| Learning from multiple sources |  | Finding the Author, Date and Title of the article |  | Use of Complete Sentences in Writing |  |
| Taking Notes |  | Annotating by writing in the margins |  | Use of Evidence from text |  |
| Completing Graphic Organizers |  | Answering the Quesitons |  | Answering the question fully in prompt |  |

What do I need help with next week?

What goal do I have for myself for next week?

## GLOSSARY OF CONTENT TERMS

| WORD |  |
| :---: | :--- |
| Chinese Dynasty | A family that ruled China. |
| Great Wall | A 1500 mile long wall that was built over several Dynasties to try to keep invaders from the <br> North out of China. |

Grade 6 | May 11-May 15


ELA, Reading \& Writing
$\square$ Read! ""The Worst Birthday" from Harry Potter and the Chamber of Secrets." for key ideas and gist and then answer the questions following the passage.
$\square$ Write! Use Claim-Evidence-Reasoning when responding to each question.
$\square$ View! Watch lesson on ""The Worst Birthday" from Harry Potter and the Chamber of Secrets." You can watch it on WCNY TV Classroom on $5 / 11$ and $5 / 13$ at $3: 30 \mathrm{pm}$.

|  | $\square$ | Watch! your weekly WCNY Lesson with Ms. Hughley and Mr. Stoll on Tuesday at 9:30 |
| :--- | :--- | :--- |
| A.M. Use the provided Cornell note paper to take notes. |  |  |
| $\square$ | $\square$ | Give it a Go! Complete the practice problems that go along with the WCNY Lesson from |
| last week. |  |  |
| Review! If you missed the WCNY Lesson work on the "Refresh and Review" work. |  |  |

SET AND ACHIEVE GOALS! My plan for the week:


## Unit Overview

## Outside Looking In

In this unit, students will read several texts that speak to the theme of being an "outsider." Throughout the unit, students will revisit the essential question: "What makes someone an outsider?" Students will read thematically-paired texts and complete a graphic organizer that will help them track their own understanding of this theme to prepare for a synthesis essay.

VISION OF MASTERY
By the end of this unit, students will analyze several texts that answer the essential question: "What makes someone an outsider?" They will write a synthesis essay that uses evidence from multiple texts to answer the essential question.

## SKILLS COVERED

- Synthesizing information across multiple texts
- Comparing and contrasting ideas across genres
- Writing a synthesis essay
- Citing evidence from the text to support claims
- Writing fluid explanations

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 әч7 708 әл,әМ ә!!чм dn noK p!!nq $75 n \mathrm{n}$ ә $M_{n}$ 'uos Aunt Petunia, turning misty eyes on her massive "There's more in the frying pan, sweetums," said
„"uoseq әлои quem I" son, Dudley. Harry tried to argue back but his words were
drowned by a long, loud belch from the Dursle He exchanged dark looks with his wife, Petunia.
know what'll happen if that owl's let out."
 "Do I look stupid?" snarled Uncle Vernon, a bit of could just let her out at night -" said. "She's used to flying around outside. If I Harry tried, yet again, to explain. "She's bored," he

 from his nephew Harry's room. əs!̣ou Bu!ŋoou 'pnop e Kq Bu!̣ıow әप7 fo s.nnou Mr. Vernon Dursley had been woken in the early out over breakfast at number four, Privet Drive. Not for the first time, an argument had broken $\qquad$ J.K. Rowling
1998

## Chamber of Secrets

"The Worst Birthday" from Harry Potter and the
 dinner party．He＇d been talking of nothing else for two weeks．Some rich builder and his wife were





At that moment，Uncle Vernon cleared his throat importantly and said，＂Now，as we all know，today is a

 rolled in something smelly．




㤩


 At the age of one year old，Harry had somehow survived a curse from the greatest Dark sorcerer of all
before． It was this scar that made Harry so particularly unusual，even for a wizard．This scar was the only hint
of Harry＇s very mysterious past，of the reason he had been left on the Dursleys＇doorstep eleven years
was always untidy．He wore round glasses，and on his forehead was a thin，lightning－shaped scar porky．Harry，on the other hand，was small and skinny，with brilliant green eyes and jet－black hair that enormous black mustache：Aunt Petunia was horse－faced and bony：Dudley was blond，pink，and Harry looked nothing like the rest of the family．Uncle Vernon was large and neckless，with an shame．Uncle Vernon had even padlocked Harry＇s owl，Hedwig，inside her cage，to stop her from
carrying messages to anyone in the wizarding world． their veins），and as far as they were concerned，having a wizard in the family was a matter of deepest he hadn＇t practiced all summer？What was it to the Dursleys if Harry went back to school without any of come home．What did the Dursleys care if Harry lost his place on the House Quidditch team because broomstick had been locked in a cupboard under the stairs by Uncle Vernon the instant Harry had All Harry＇s spellbooks，his wand，robes，cauldron，and top－of－the－line Nimbus Two Thousand

U
noise and pretending l＇m not there，＂he said．
＂Perfect．．．Dudley？＂
 while Harry ducked under the table so they wouldn＇t see him laughing．



＂Precisely．Now，we should aim to get in a few good compliments at dinner．Petunia，any ideas？＂
＂I＇ll be in my room，making no noise and pretending l＇m not there，＂said Harry dully．

## 

## ＂My perfect little gentleman！＂sniffed Aunt Petunia．

invisible woman．
＂May I take you through to the dining room，Mrs．Mason？＂said Dudley，offering his fat arm to an

苟
＂IIll announce dinner，＂said Aunt Petunia．＂And，Dudley，you＇ll say－＂
＂Exactly，＂said Uncle Vernon nastily．＂I will lead them into the lounge，introduce you，Petunia，and pour
them drinks．At eight－fifteen－＂

＂Excellent，Dudley，＂said Uncle Vernon．Then he rounded on Harry．＂And you？＂
＂They＇ll love him！＂cried Aunt Petunia rapturously．${ }^{2}$ Mrs．Mason？
 ¿スəəpna pu甘＇poos＇poos，＂
＂In the lounge，＂said Aunt Petunia promptly，＂waiting to welcome them graciously to our home．＂ position at eight o＇clock．Petunia，you will be－？＂


Harry jumped to his feet just as a jeering ${ }^{6}$ voice floated across the lawn.
3. an island off the coast of Spain and a popular vacation spot
4. Cunning (adjective): clever
5. Llvid (adjective): furiously angry

Not that his whole year at Hogwarts had been fun. At the very end of last term, Harry had come face-
to-face with none other than Lord Voldemort himself. Voldemort might be a ruin of his former self, but
he was still terrifying, still cunning, ${ }^{4}$ still determined to regain power. Harry had slipped through
Voldemort's clutches for a second time, but it had been a narrow escape, and even now, weeks later,
Harry kept waking in the night, drenched in cold sweat, wondering where Voldemort was now,
remembering his livid ${ }^{5}$ face, his wide, mad eyes -

 magical world that even taunting Dudley had lost its appeal - and now Ron and Hermione had
 รร̊ə| might turn them all into dung beetles that stopped them from locking him in the cupboard under the
stairs with his wand and broomstick. For the first couple of weeks back, Harry had enjoyed muttering

 Countless times, Harry had been on the point of unlocking Hedwig's cage by magic and sending her to though Ron had said he was going to ask Harry to come and stay. иәлә 'גәшшก



 Harry left through the back door. It was a brilliant, sunny day. He crossed the lawn, slumped down on

 Majorca than they did on Privet Drive.

news at ten. We'll be shopping for a vacation home in Majorca ${ }^{3}$ this time tomorrow."
 that way. When dinner's over, you take Mrs. Mason back to the lounge for coffee, Petunia "Too right, you will," said Uncle Vernon forcefully. "The Masons don't know anything about you and it's









习
"I'm trying to decide what would be the best spell to set it on fire," said Harry.
"Why're you staring at the hedge?" he said suspiciously.




[0]

$$
\begin{aligned}
& \text { "I know what day it is," Dudley repeated, coming right up to him. } \\
& \text { "Well done," said Harry. "So you've finally learned the days of the }
\end{aligned}
$$

"What?" said Harry, not taking his eyes off the spot where they had been.
The huge eyes blinked and vanished.

Harry Potter and the Chamber of Secrets: Copyright © J.K. Rowling 1998
The trouble was, there was already someone sitting on it.
 "-punos әuo - Коq 'дəqшәшәу., Uncle Vernon's furious face appeared at the foot of the stairs.



a lump of cheese on the kitchen table. She was already wearing a salmon-pink cocktail dress.
 $\stackrel{8}{9}$
要

## Selfie from Home Project

May 11-15, 2020
Create a self-portrait that shows you with the items that have been most important to you during this time when all of us are staying at home. For example, is there a game you have been playing? A favorite book? Food? TV Show? You can make this self-portrait how ever you would like. You can draw it, paint it, or have someone take a picture of you with these important things. Share a picture of it with your art teacher or return this with your completed packet to school.

## Be a Music Critic Project

May 11-15, 2020
Choose a song that you hear on TV, the radio or from your own playlists. Be a music critic and write about the song. First, give some information about the song (title, artist, when was it released? or any other interesting information about the song). Second, write whether you like or dislike the song (this is your claim). Next, find two details or evidence from the song to support your opinion. Finally, write why that evidence supports your opinion of liking or not liking the song.

The coordinate plane is divided into 4 regions called quadrants. The quadrants are numbered using Roman Numerals, starting with the top right corner.


We describe points in the four quadrants using positive and negative numbers.

We use this structure to name a point.
( $x$-coordinate, $y$-coordinate)
Point $A=(2,3)$ is in Quadrant I and both $x$ and $y$ coordinates are positive.

Point $B=(-4,1)$ is in Quadrant II and the $x$ coordinate is negative and the $y$ coordinate is positive.

Point $C=(-3.5,-3)$ is in Quadrant III. Both the $x$ and $y$-coordinates are negative.

Point $\mathrm{D}=(6,-2)$ is in Quadrant IV. The x coordinate is positive and the $y$-coordinate is negative.

## Practice:

1. a. Graph these points in the coordinate plane: $(-2,3),(2,3),(-2,-3),(2,-3)$.
b. Connect the points and describe the figure.

2. Write the coordinates for each point.
a. Point A $\qquad$
b. Point B $\qquad$
c. Point C $\qquad$
d. Point D $\qquad$
e. Point E $\qquad$

3. These three points form a horizontal line: $(-3.5,4),(0,4)$, and $(6.2,4)$. Name two additional points that fall on this line. (If you are stuck, plot the points on a grid)
4. Draw and label an appropriate pair of axes and plot the points.

$$
\begin{aligned}
& \left(\frac{1}{5}, \frac{4}{5}\right) \\
& \left(-\frac{3}{5}, \frac{2}{5}\right) \\
& \left(-1 \frac{1}{5},-\frac{4}{5}\right) \\
& \left(\frac{1}{5},-\frac{3}{5}\right)
\end{aligned}
$$


5. Diego was asked to plot these points: $(-50,0),(150,100),(200,-100),(350,50)$, ( $-250,0$ ). What interval could he use for each axis? Explain your reasoning.

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6. a. Name 4 points that would form a square with the origin at its center.
b. Graph these points to check if they form a square.


## Reflection:

| Learning Target | I am not there yet. <br> I need some help. | I am getting there. I <br> need to practice <br> more. | I've got it! I can <br> teach someone. <br> plane using coordinates. |
| :--- | :--- | :--- | :--- |
| I can plot and label coordinate pairs on <br> a coordinate plane. | I am not there yet. <br> I need some help. | I am getting there. I <br> need to practice <br> more. | I've got it! I can <br> teach someone. |
| I can scale a coordinate plane to make <br> sure all of the points can fit on the grid. | I I nem not there yet. | I am getting there. I <br> need to practice <br> more. | I've got it! I can <br> teach someone. |

Questions I need to ask my teacher:

Check to see how you did here. Only some answers are given to check what you know. If you made a mistake, try and figure out how to get the correct answer and then go back to check the other answers.

1b. The shape should be a rectangle.
2. Point $A(1,0)$, Point $C(-6,5)$
3. Graph the points on the practice grid below and make sure it looks like a square (all sides the same length and 4 right angles!
4. Hint: all of the points are listed as fifths. You can label the each grid as $\frac{1}{5}$, then $\frac{2}{5}$, then $\frac{3}{5} \ldots$
5. x-axis, each grid could be 50. Y-axis, each grid could be 25. Try it out to see how you do.

## Extra Grids:




# Grade 6 Refresh and Review - Ratios 

Week of May 11, 2020

Review: Vocabulary ratio

A ratio is an association between two or more quantities.

For example, the ratio 3:2 could describe a recipe that uses 3 cups of flour for every 2 eggs, or a boat that moves 3 meters every
 2 seconds. One way to represent the ratio $3: 2$ is with a diagram that has 3 blue squares for every 2 green squares.

## Practice:

1. Complete the sentences to describe this picture.

a. The ratio of dogs to cats is $\qquad$ .
b. For every $\qquad$ dogs, there are $\qquad$ cats.
c. Write 2 of your own ratios using the picture above.
2. In a fruit basket there are 9 bananas, 4 apples, and 3 plums.
a. The ratio of bananas to apples is $\qquad$ : $\qquad$ .
b. The ratio of plums to apples is $\qquad$ to $\qquad$ .
c. For every $\qquad$ apples, there are $\qquad$ plums.
d. For every 3 bananas there is one $\qquad$ .
3. Here is a diagram that describes the cups of green and white paint in a mixture. green paint (cups)

white paint (cups)


Select all the statements that correctly describe this diagram
a. The ratio of cups of white paint to cups of green paint is 2 to 4 .
b. For every cup of green paint, there are two cups of white paint.
c. The ratio of cups of green paint to cups of white paint is $4: 2$.
d. For every cup of white paint, there are two cups of green paint.
e. The ratio of cups of green paint to cups of white paint is $2: 4$.
4. In a recipe for fizzy grape juice, the ratio of cups of sparkling water to cups of grape juice concentrate is 3 to 1.
a. Find two more ratios of cups of sparkling water to cups of juice concentrate that would make a mixture that tastes the same as this recipe.
b. Describe another mixture of sparkling water and grape juice that would taste different than this recipe.
5. A recipe for 1 batch of spice mix says, "Combine 3 teaspoons of mustard seeds, 5 teaspoons of chili powder, and 1 teaspoon of salt." How many batches are represented by the diagram? Explain or show your reasoning.


```
salt (tsp)
```

Reflection:

| Learning Target |  | I am not there yet. <br> I need some help. | I am getting there. I <br> need to practice <br> more. |
| :--- | :--- | :--- | :--- |
| I canguage. deribe a set using ratio |  |  |  |$\quad$| I've got it! I can |
| :--- |
| teach someone. |

Questions I need to ask my teacher:

| Qssential Question: | Name: |
| :--- | :--- | :--- |
| Questions: | Notass: |
| Sumes: | Date: |


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Name: $\qquad$

- By the end of this week I will know about many inventions of the Han Dynasty and be able to evaluate if they changed how we live.



## Building Knowledge through Reading and Note -Taking

## Setting the stage to help you understand the time period:

Instructions: Before embarking on the reading complete one activity below to help you understand basic information about the time period you are about to study.

Option 1: Visit https://scsdpl.padlet.org/eleach/China and choose two videos from the Week Two Videos column. List 5 things that you learned about Ancient China for each video.

| Video |  |  |
| :--- | :--- | :--- |
| Fact \#1 |  |  |
| Fact \#2 |  |  |
| Fact \#3 |  |  |
| Fact \#4 |  |  |
| Fact \#5 |  |  |

Option 2: Examine the pictures of inventions that happened during the Han Dynasty. Record three observations and add a couple of "I wonder..." statements.


## 1. I notice

2. I notice
3. I notice $\qquad$
4. I wonder $\qquad$
5. I wonder

## Must Do:

Step One: Source the Article
Type of Source: $\qquad$

Date Written: $\qquad$ Title (if available): $\qquad$

Step Two: Read the document and annotate the text by writing important observations and questions in the margin.

## Inventions During the Han Dynasty

Adapted from TeachTci Ancient World (Textbook) Copyright 2016.

## Inventions in Art and Science



Silk is a material produced from the fibers of a silkworm cocoon. For the ancient Chinese, making silk was difficult and timeconsuming labor. During the Han dynasty, the Chinese developed a foot-powered machine that could wind the silk fibers onto a large reel, ready for use. Making silk production more efficient was important because there was a high demand for silk outside of China. The valuable silk trade began during the Han dynasty.

## Ancient Chinese Paper Making



During the Han dynasty, a key advance was made in art-the invention of paper. Paper was the ideal material for calligraphy, which is the art of fine handwriting. Paper was perfect for this art because of the way it absorbed the ink.

Before the invention of paper, the Chinese wrote on silk. Silk could easily be rolled into scrolls, but it was very costly. People also wrote symbols vertically on bamboo strips. To make books, they tied a series of strips together in a bundle. Bamboo was less expensive than silk, but it was bulky and awkward to use.

The invention of paper, in about the first century C.E., not only benefited calligraphers but also changed the way people communicated. It was cheaper to produce paper than bamboo or silk, so more people could now afford writing materials. Paper was also easier to bind together into books.


The Chinese of this period also invented the magnetic compass.

The magnetic compass is an instrument for determining direction, such as north or south. The Chinese believed that using direction to correctly position their temples, graves, and homes would bring good fortune. By the 200s C.E., Chinese scientists understood that a lodestone, a type of iron ore, tends to align itself in a north-south direction because of Earth's magnetism. With this knowledge, they used lodestones to make compasses. The lodestone was carved into the shape of a spoon with a handle that would always point south.

Today, modern compasses look like this:


Day Two: Choose two inventions from this section and complete the chart.

| Invention | This invention helped the Han Dynasty because..... |
| :--- | :--- |
|  |  |
|  |  |
|  |  |



One invention that helped farmers was the chain pump. The chain pump made it easier to move water from low irrigation ditches and canals up to the fields. Workers used pedals to turn a wheel, which pulled a series of wooden planks that moved water uphill to the fields.


The Han skill in ironwork also came to the farmers' aid. The Chinese were the first to learn how to pour melted iron into molds. This process enabled them to make strong iron plows. Han plows were designed to push the dirt away from the row being plowed so that the soil would not pile up in front of the plow.


The Han also invented the wheelbarrow. The Chinese wheelbarrow had one large wheel in the center. Goods were carried on either side of the wheel. It was much easier for farmers to push a heavy load in a wheelbarrow than to carry it on their backs or in buckets suspended from a pole across their shoulders.

Day Three: Choose two agricultural (farming) inventions and complete the chart.

| Invention | This invention helped the Han Dynasty because..... |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |

## Han Military Inventions



The Han army was helped by new technologies. Advances in iron making improved the strength and quality of armor. Han ironworkers produced a kind of fish-scale armor that flexed and moved with the body.


The Han were among the first people to make iron swords. The strength of iron allowed skilled workers to fashion longer swords. With a long sword, a soldier could swing at an enemy from a safer distance.


Another favorite weapon of the Han was the crossbow. A crossbow is made of two pieces of wood in the shape of a cross. A string is attached to each end of the horizontal piece of wood. When that string is pulled back and released, an arrow is shot from the crossbow.

The Han invented the kite and used it in clever ways for military purposes. According to one legend, a Han general once used a kite to measure the width of a heavily guarded wall. Kites were used to send messages from
 one part of an army to another. They were also used to frighten the enemy. Kites with bamboo pipes were flown over enemy camps at night. Enemy soldiers would hear a ghostly noise coming from the darkness above them. It sounded like " $f u$, fu" ("beware, beware"). The alarmed soldiers often ran away.

Day Four: Choose two military inventions and complete the chart.

| Invention | This invention helped the Han Dynasty because..... |
| :--- | :--- |
|  |  |
|  |  |
|  |  |

## EVIDENCE OF LEARNING

Day Five: 6TH GRADE CER PRACTICE
Directions: Answer the following prompt in a complete paragraph response (in the space provided) providing a claim, evidence and reasoning for your answer to the prompt. Please use evidence that you have found in your readings.

Prompt: Did inventions during the Han Dynasty change the world? Use two details from the document to support your response.
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## Self- Reflection

Self-Reflect by using the following key for each part of the lesson you completed this week.


Then list one thing you think you need help with next time and a goal for yourself for next week on completing your work.

| Building Knowledge |  | Reading |  | Evidence of Learning |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Parts of Lesson | (1) (1) (1) | Parts of Lesson | (1) (1) 1 | Parts of Lesson | (1) (1) (1) |
| Learning from multiple sources |  | Finding the Date and Title of the article |  | Use of Complete Sentences in Writing |  |
| Observing or Listening to learn new information |  | Annotating by writing in the margins |  | Use of Evidence from text |  |
| Completing Graphic Organizers |  | Answering the Questions |  | Answering the question fully in prompt |  |

What do I need help with next week?

What goal do I have for myself for next week?


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