

Online Learning Lessons for 6th Grade

Directions: Please complete the following work below for each subject. This work will count toward your final grade and must be complete to get credit for attendance.

Student Name _____ FOR **4/27/2020**

ELA

Khan Academy Storytelling: Watch 'World and character', then complete Activity 4 A-D on a Google Doc. When you are finished, watch the 'Advice' video. Add one thing that you learned from the Advice video at the bottom of the page.

Parent Initials: _____

Math

All Math Classes: Watch the video lesson online or view the notes page on Combining Like Terms (More Details). Then complete the assignment on Google Slides on the Combining Like Terms. (Paper copy attached.)

Parent Initials: _____

Science

None

Parent Initials: _____

History/Social Studies

Current Events: Watch CNN10 and complete the document in Google Classroom. If you are doing paper, complete the sheet using local news from television, or newspaper.) Skip the 10 second trivia question.

Parent Initials: _____

Parent Signature: _____

If you have questions, please email your teacher.

Thank you!

Ms. Cook jcook@mcusd1.net
Ms. Couch scouch@mcusd1.net
Mr. Drenth rdrenth@mcusd1.net
Ms. McDermott smcdermott@mcusd1.net

Teacher Hours:
9:00 am - 11:30 am
12:30 pm - 2:30 pm

CNN10

Create a title for 2 of the news stories.

1. _____

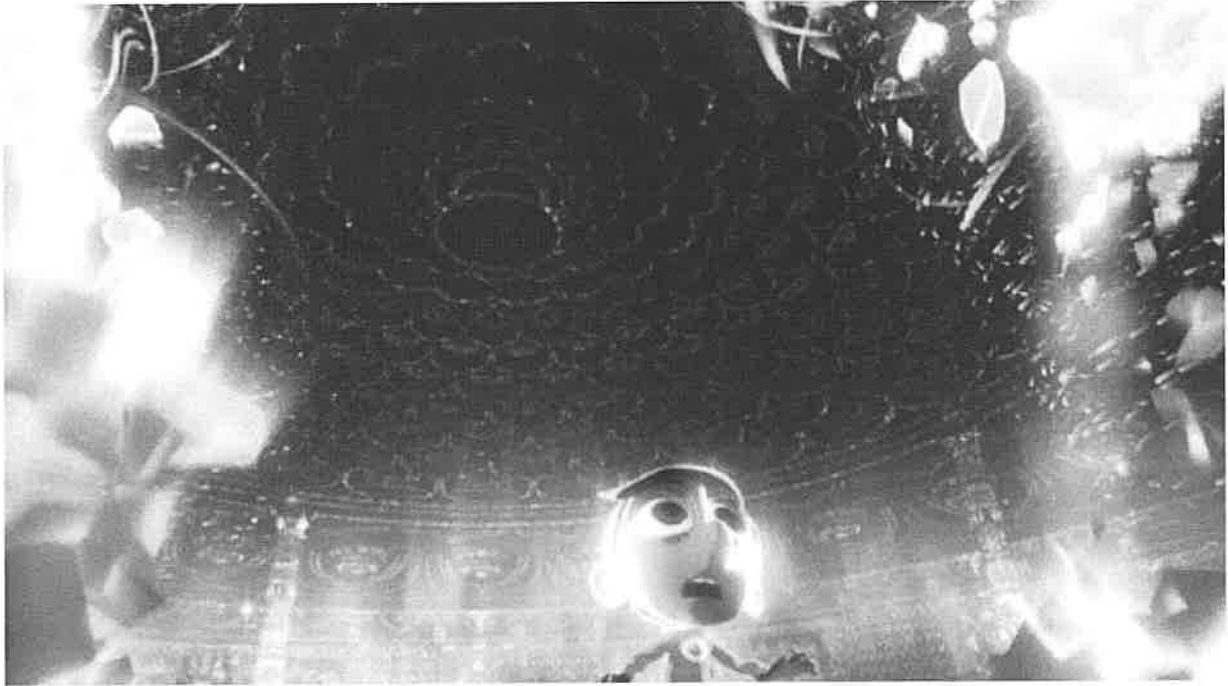
2. _____

Where did one of the stories take place?

:10 second trivia answer of the day

Reflection: What is your opinion on one of today's top stories? (thoughts, feelings, comments)
[3+ sentences]

Activity 4: Characters & Worlds



Part A: Return to your 3 films. Identify the **worlds** and **characters** in each. Write these down.

- Who are the main characters?
- Is there a character you identify with most?
- Where does the movie take place? Is it one world or multiple worlds?

Part B: Try mixing a character and world from different movies. Try this a few times and see what happens.

Part C: Return to your three "what if" statements from the previous exercises. Pick your **favorite** one. Can you imagine a possible character and world?

Part D: (optional) Draw or write about what life would be like in this world.

Combine Like Terms Day #2

Page 1

Vocabulary:

$$5x + 3y - 8$$



terms

(numbers, variables, or the product of a number and a variable)

Page 2

Vocabulary:

$$5x + 3y - 8$$

coefficients

(numerical factors of a term, or the number before a variable)

Page 3

Vocabulary:

$$5x + 3y - 8$$

variables

(symbols that represent numbers that are unknown or can change)

Page 4

Vocabulary:

$$5x + 3y - 8$$

constant

(a term that has no variable, or a number by itself)

To **simplify** an algebraic expression means to make it simpler.

In other words, rewrite the expression in the most compact way, without changing the **value** of the expression. It's like organizing the expression and making it neater!

Like terms have exactly the same variable factors

LIKE TERMS

3x, -2x
-2, 5
 $9n^2$, $3n^2$
100, 1
4n, 5n
3xy, 4yx

NOT LIKE TERMS

3x, 3y
-2, 5x
 $9n^2$, 2n
 $2a^2b$, $3ab^2$

Example:

$$\textcircled{5x} + \textcircled{3y} + \textcircled{3} - 2x + \textcircled{6y}$$

$$3x + 9y + 3$$

$$\boxed{3x + 9y + 3}$$

Example:

$$\underline{x} + \underline{x} + \underline{x} + \underline{4x}$$

$\&$

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Example:

$$\textcircled{3x} - \textcircled{4y} + \textcircled{8} - \textcircled{2x} + \textcircled{7}$$

$$x - 4y + 15$$

$$\boxed{x - 4y + 15}$$

$$15 - 4y + x$$

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Example:

$$\underline{c} + \underline{c} + \underline{c} + \underline{c} + 4$$

$$\boxed{4c + 4}$$

Page 11

Example:

$$\underline{12x} + \underline{3y} + \underline{8z} + \underline{5}$$

$$\boxed{12x + 3y + 8z + 5}$$

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Name: _____

Equivalent Expressions

Combining Like Terms

Terms are separated by + or - signs in an expression.

Like terms may be combined according to the sign that separates them.

Constants are terms without a variable (digit alone) that may also be combined.

example: $\boxed{8y} + \textcircled{3} + \boxed{y} + \textcircled{2} + \diamond 4x$

 $9y + 5 + 4x$

Draw shapes to identify like terms. Combine like terms.

Ⓐ $4x + 3 + 2x + 1$

Type answer here

Ⓑ $3a + 2b + 8a + 4$

Type answer here

Ⓒ $8c + 2b + 3b + 6$

Type answer here

Ⓓ $10 + 6y + 2x + 3$

Type answer here

Ⓔ $4c + 2 + c + 1$

Type answer here

Ⓕ $3x + 2y + 7 + 2x$

Type answer here
