

NOVEMBER



FALL STEM & ELA ACTIVITIES

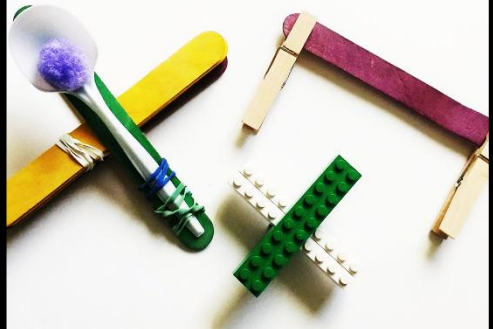
Balloons Over Broadway The Most Magnificent Thing

TURKEY TROT



Leaf Man

FUN AND GAMES



If I Built a House

LEAF CREATURE






SMART HOME



CREATED BY BROOKE BROWN & KATIE KING

LESSON PLANS

KEY VOCABULARY


	<p>TURKEY TROT <u>Vocabulary Cards</u></p> <p>puppeteer a person who works puppets</p> <p>marionette puppet controlled from above by strings attached to its limbs</p>	
	<p>articulate to move and gesture</p> <p>helium a gas that is used to inflate balloons</p>	



TEACHER CHARTS

STUDENT BOOKLETS

TURKEY TROT

A colorful paper craft of a turkey hanging from a string. The turkey has a brown head, a yellow beak, and a blue wattle. Its body is made of a paper bag with a picture of a turkey on it. The tail feathers are made of colorful paper (yellow, orange, red, pink, blue). The turkey is hanging from a string that is attached to a wooden clothespin. The background is white with a black border.

 <p>MARIONETTES</p>	<p>My Marionette</p> <table border="1" style="width: 100%;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																																																																																																				

 <p>Marionette similar to balloon?</p>	<p>TURKEY TROT</p> <p>Balloons Over Broadway</p> <p>Name: _____</p>	
<p>Marionette different from balloon?</p>	<p>STEM CHALLENGE</p> <p>Can you create a movable turkey marionette?</p>	
	<p>How Does A Marionette Work?</p>	

MAKER CARDS

Design a new room for your house.

Make an advertisement for your favorite toy.

Make a vehicle for your pet.

Design a new float for the Macy's parade.

Make a fall decoration that uses leaves.

Make a light bulb.

Make an invention that uses balloons.

Design an "energy smart" school.

Take a leaf rabber.

Make a tool to help you do your homework.


Make a design that has symmetry.

Make a design that has symmetry.

How is your marionette similar to a parade balloon?

How is your marionette different from a parade balloon?

How could you make your marionette more lifelike?



TURKEY TROT
Balloons Over Broadway
Name: _____

STEM CHALLENGE
Can you create a movable turkey marionette?

HOW DOES A MARIONETTE WORK?

Simple, Engaging STEM Challenges to Supplement Favorite Fall Read Alouds

FUN AND GAMES

The Most Magnificent Thing

our favorite toys Ideas for New Toys

Challenge: The inventor is... variety of... fun or game... avoid an... or game... Suggested... bottle, straw, rubber band, etc.

1. Ask students to brainstorm some... Fun. Record student ideas on the... individual booklets. Refer to the... display them in your classroom.

2. Introduce permitted materials and... of new games or toys.

Leaf Creature

Leaf Man

Properties of Leaves Ideas for Leaf Creatures

observe property

to notice how something looks, feels, smells, and sounds

a quality of an object that you can observe, such as size, shape, color, or texture

What happens when you drop your leaf creature?

What happens when you blow your leaf creature?

What happens when you put your leaf creature in water?

STEM CHALLENGE

Can you create a leaf creature and identify its properties?

What are some examples of properties?

FUN AND GAMES

Vocabulary Cards

invent

to create or design something new

enter

to provide someone with information

protect

the first model

instru

information that tells how something is done

Leaf Creature

Leaf Man

Wind Test

Water Test

My Leaf Creature

Properties of my Leaf Creature

Looks Sounds

Feels Smells

Leaf Man Maker Task Cards

Use the following task cards in a Makerspace or with STEMPins for students to make more creations.

List as many

Make a design that has symmetry.

Make a fall decoration that uses leaves.

SMART HOME

Name of My Smart Home

Materials

What kind of Energy will My Home use?

How will my home be Protected from severe weather?

What kinds of Technology will make my home "smarter"?

My Smart Home

clean energy

energy collected from renewable resources, such as sunlight, wind, and rainwater, that has nearly no pollution

protect

to keep safe from harm or injury

foundation

the lowest, load-bearing part of a building

efficient

preventing the wasteful use of a resource

Leaf Creature

Leaf Man

Make a design that has symmetry.

Make a fall decoration that uses leaves.

Home

Types of Clean Energy

Technology to Make our Houses "Smarter"

Rooms and Features in our Houses

If I Built a House

Maker Task Cards

Use the following task cards in a Makerspace or with STEMPins for students to make more creations.

design an "Energy Smart" School.

Make a plan to use less Energy at home.

Make a severe weather shelter.

design a new room for your house.

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Quick & Effective ELA Activities

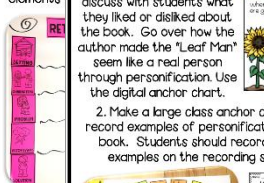
LESSON PLANS

KEY VOCABULARY

COMPREHENSION

1. After reading *The Most Magnificent Thing*, review how to retell a story.

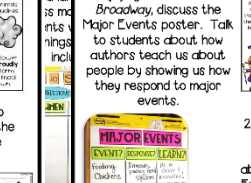
student fingers or retell elements



COMPREHENSION

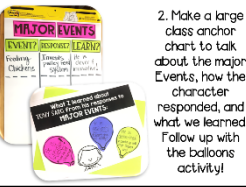
1. Read *If I Built A House* and discuss with students. Their minds will naturally go to how

would so dis self a large m... nings incl...



COMPREHENSION

1. After reading and enjoying *Balloons Over Broadway*, discuss the Major Events poster. Talk to students about how authors teach us about people by showing us how they respond to major events.



impressed



make some feel resp



a movement part of the

immigrant



gliding



moving with a smooth movement

drifting



carried slowly by the wind

bland



function



magnificent



Impressive and beautiful

pounce



to jump as if to catch prey

assistant



a helper

tweak



to adjust just a little bit

TEACHER CHARTS

STUDENT PRINTABLES

DESCRIBING MAJOR EVENT

As readers we need to be able to recall **IMPORTANT EVENTS** in the story.

VERB TENSES

Verbs are action words. There tenses tell you something happened.

Past	Present	FUTURE
Something already happened.	Something is happening right now.	Something will happen in the future.
I cleaned the playground yesterday.	Becky is kicking the soccer ball.	Roger will buy us ice cream when we visit.

TEXT TO SELF Connections

A connection that you can make between the book and your own life.

This kind of connection can help you understand what the character feels or wants.



RETELLING

Your hand can help you to tell the story again.

Setting
Characters
Problem

PREPOSITIONS

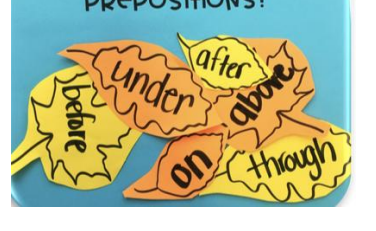
A preposition connects a noun or pronoun to the rest of the sentence. A preposition shows location, time, or direction.



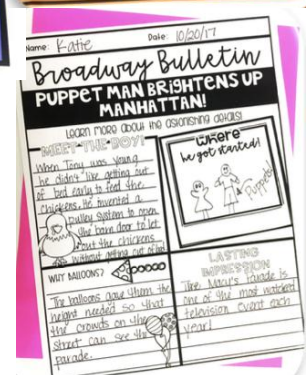
VERB TENSES

PAST	PRESENT	FUTURE
NAME		

VERB TENSES



GROWTH MINDSET



Quick & Effective ELA Activities

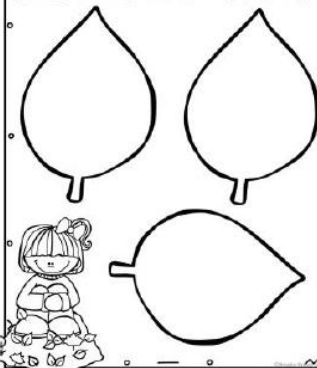
DESCRIBING MAJOR EVENTS

As readers we need to be able to recall **IMPORTANT EVENTS** in the characters' lives. We also learn about the characters' **TRAITS** by seeing how he or she **RESPONDS** to the major events.



MAJOR EVENTS		
EVENT?	RESPONSE?	LEARN?
Feeding Chickens	Invents pulley-feed system	He is clever & innovative!

Where do we spot PERSONIFICATION?



RETELLING	
1	In the present time in the city.
2	A girl & her dog
3	She can't make her vision
4	*She gets mad *She goes for a walk
5	*With a better attitude & fresh perspective... she gets it!

VERB TENSES

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I cleaned the playroom yesterday	Becky is kicking the soccer ball	Roger will buy us ice cream when we visit



DREAM HOME!

I would have a kitchen that cleaned itself in my house too!



PERSONIFICATION

when objects or animals are given human qualities



The sunflower stood proudly as the storm tried to knock her down.

GROWTH MINDSET

The POWER of yet!

Name: Jon



WHERE Do We Spot Personification



VERB TENSES

Name:

Past

Present

Future