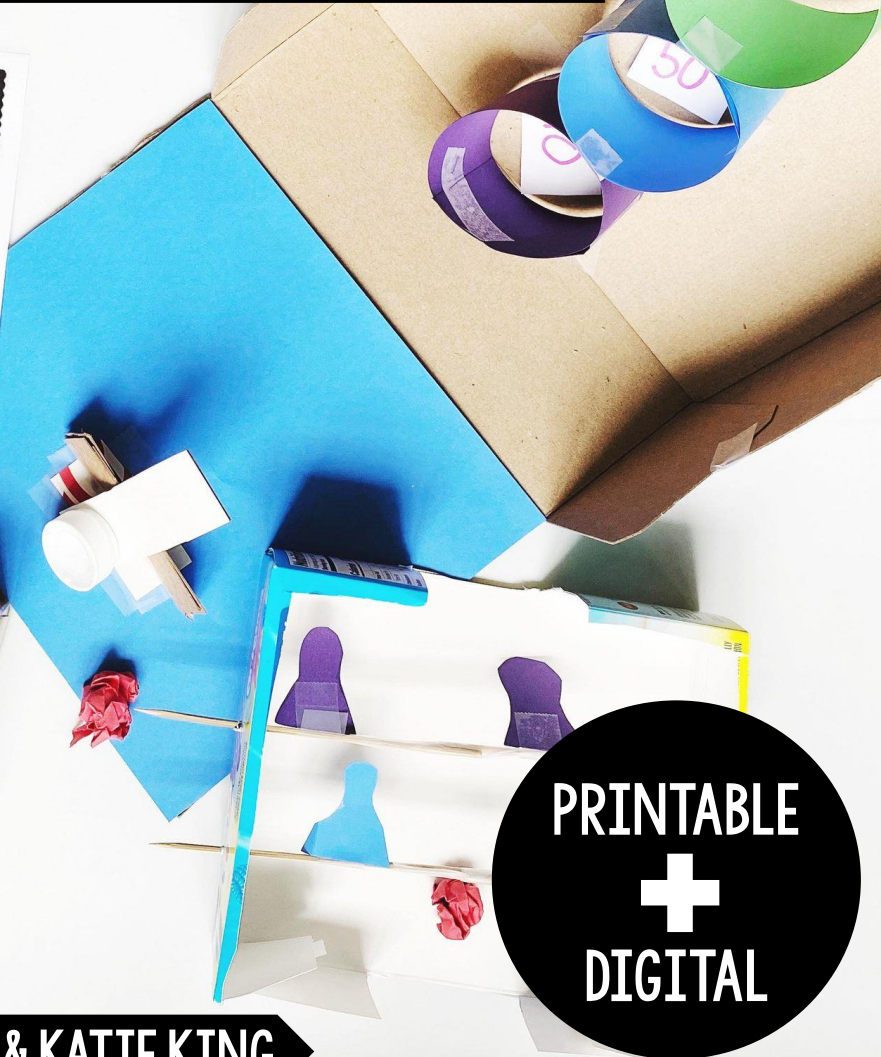


storybook STEM BOXITECTS



PRINTABLE
+
DIGITAL

CREATED BY BROOKE BROWN & KATIE KING

storybook **STEM**



BOXITECTS

©BROOKE BROWN & KATIE KING

GOOGLE SLIDES
& SEESAW
FORMATS

WORDS TO KNOW

IMAGINE

REPURPOSE

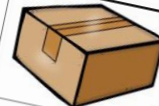
ENTERTAIN

INNOVATE

Click and drag the words to match their definitions.



to form a mental image or plan



to adapt something for use in a different way



to provide someone with amusement or enjoyment



to make changes through new methods, ideas, or products

INCLUDES DIGITAL COMPONENTS!

GAME MAKER

Can you use a box to create a game that can be played with others?

You may create a board game, arcade game, or carnival game!



YOU MAY USE:

- empty boxes
- scissors and tape
- scrap paper
- paper rolls

—BROOKE BROWN & KATIE KING

CLICK & SHARE
WITH STUDENTS
IN GOOGLE
SLIDES

INTERACTIVE VIDEOS AND TEMPLATES

CLICK & ASSIGN
ACTIVITIES
IN SEESAW

Activity Library

Community My Library

storybook **STEM**

Brooke Brown

Assign...

Student Instructions

BOXITECTS (STEM CHALLENGE)

CAN YOU USE A BOX TO CREATE A GAME THAT CAN BE PLAYED BY OTHERS?
YOU MAY CREATE A BOARD GAME, ARCADE GAME, OR CARNIVAL GAME!

YOU MAY USE:

- empty boxes
- scissors and tape
- scrap paper
- paper rolls

Watch a read aloud of Boxitects.

Tap [to add resources](#)

Students will edit this template

Follow the instructions on each slide:

EXPLORE BOX CREATIONS: Tap the links to visit a video library with box game ideas.

TYPE your ideas in the boxes.

WORDS TO KNOW: Tap and drag vocabulary words to match the definitions.

A screenshot of the Seesaw Activity Library interface. It shows a template for an activity called 'BOXITECTS' by Brooke Brown. The template includes a title, a description, a list of materials, and instructions for students. There are also links to related resources and a section for students to add their own ideas.

DIGITAL STEM

WORDS TO KNOW

Click and drag the words to match their definitions.

IMAGINE

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ENTERTAIN

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to form
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GAME MAKER



TYPES OF BOXES WE CAN USE

BOARD GAME IDEAS

ARCADE GAME IDEAS

CARNIVAL GAME IDEAS

LET'S EXPLORE BOX CREATIONS!



MAKE A PLAN

Use drawing tools or shapes to draw a blueprint of your box game idea.



SHARE YOUR DESIGN



Add a picture or video of your finished game.

GAME MAKER

Game Title

HOW TO PLAY

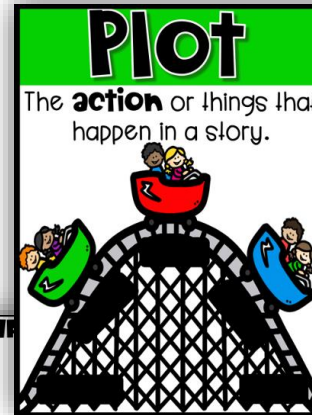
Type of Game

Number of Players

Object of the Game

How to Win

DIGITAL ELA



LABEL THE
Roller Coaster

NOW THINK:
How is the structure of a story like a roller coaster?



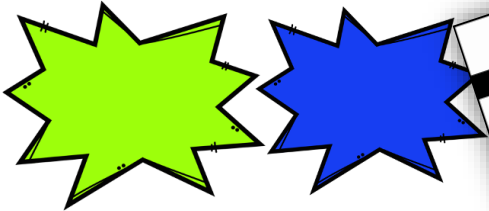
CON



solution

CHARACTER **CONFLICT**

Directions: Draw and write about Meg and Simone's conflict and how they resolve it.



CONFLICT

VOCABULARY

Match the vocabulary word to the correct picture. Use each word twice.



CON

solution



CONFLICT



TEACHER TALK!

On the next few slides write about what you think the conflict is and how you would love the different conflicts.



Character Conflict



There are different kinds of character conflict, but in this case it is **Character vs. Character**. There is a **struggle** between Meg and Simone because they **disagree** on what project is best.

CONFLICT

solution

PRINTABLE STEM CHALLENGE

LET'S EXPLORE BOX CREATIONS!



**BOX
GAME
IDEAS**



GAME MAKER



TYPES OF BOXES WE CAN USE

BOARD GAME IDEAS

ARCADE GAME IDEAS

GAME MAKER

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GAME MAKER

Boxitects

NAME: _____

GAME SKETCH



GAME MAKER

Boxitects

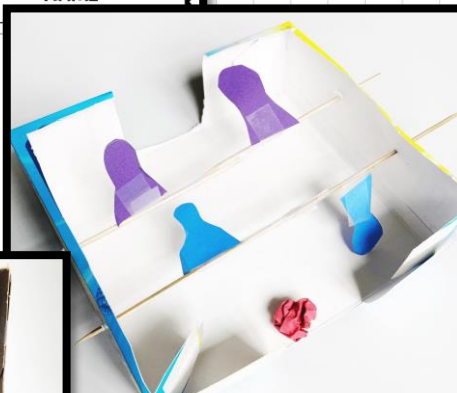
Game Title

Type of Game

Number of Players

Object of the Game

NAME: _____



GAME MAKER

IMAGINE



to form a mental image or plan

REPURPOSE



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CHARACTER

CONFLICT

They got in trouble with their parents

Arguing about the movie

They are on a Long & Boring Trip

He won a board game

She doesn't like how silly he is

They clean up & parents are happy

They take turns picking the movie

The trip ends

They take a break

He apologizes

She wins the next game

Maybe they are just opposites

Plot

The **action** or things that happen in a story.



insist



to demand

structure



something that is built by many parts

truce



an agreement to stop fighting

sturdy



built really well; strong

PLOT

Beginning

- Meet (Meg) Characters
- Story is Setup

Problem

- We find out what is going to drive the action.

Climax

- The BIG turning point of the story.

Solution

- How is the problem solved?

Ending

- What do the characters learn?

Beginning

Problem

Meg and Simone's structure began to sway and then it fell!

Solution

Ending

CHARACTER CONFLICT



Meg and Simone were not getting along because they were being competitive with each other. There was definitely some jealousy involved. Once they called a truce they learned to work together.

Character Conflict



There are different kinds of character conflict, but in this case it is **Character vs. Character**. There is a **struggle** between Meg and Simone because they **disagree** on what project is best.

VOCABULARY

Use the four words below to tell the picture.

truce structure sturdy insist

insist truce

structure sturdy

Draw pictures of the four vocabulary words.

sturdy sturdy table

insist Clean your room

structure Swingset

truce Truce No more fighting

Vocabulary in Action!

Directions: Fill in the blank to complete the phrase in a way that makes sense.

I love how **sturdy** the new **couch** is.



My favorite **structure** is the **tall slide**.



Ryan's aunt **insists** that we all **clean the kitchen** after we finish dinner.



Bobby and Tom called a **truce** so that the kids could get back to kickball.



E

L

A