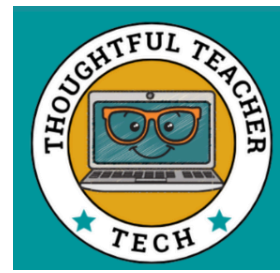
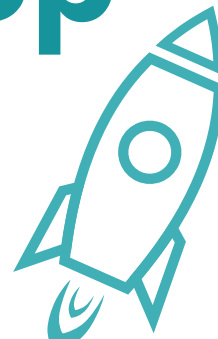
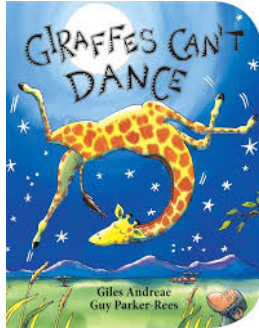


STEAMing it Up

Combining Literacy, Robotics,
and Maker with STEAM!



Book Title:
**Giraffes
Can't Dance**



Science

Research giraffe facts
Create a giraffe pattern
wall of facts



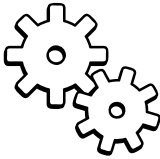
Technology

Graphic Arts designing
a giraffe pattern



Engineering

Build a jungle story in a
box



Arts

Make up your own
dance



Math

Compare and contrast
animal heights with
student heights



-ing

Make awards for
classmates for what
they each do well



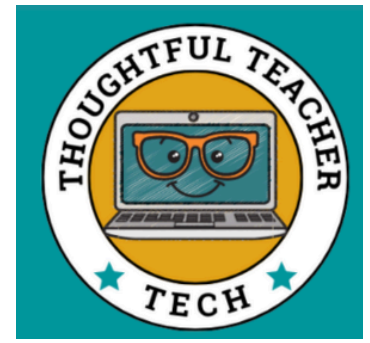
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STEAMing it Up

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Book Title:
The Dot



Science

Mixing colors to
make new colors



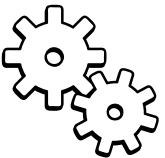
Technology

Time lapse of dot
pictures



Engineering

Creating paintbrushes
from nonstandard
materials



Arts

Pointillism art
Create point art



Math

How many dots does
it take to it? Create
and count.



-ing

Turn dots into Kandinsky
circles
Dot Day lessons



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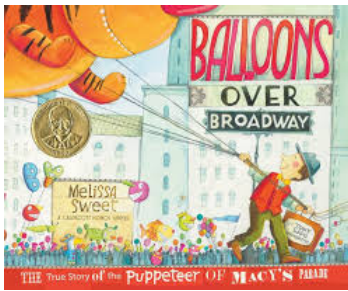
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Book Title:

Balloons Over Broadway



Science

Science of balloons
helium, breath, hot air



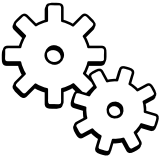
Technology

Historical timeline of
evolution of
balloons



Engineering

Create a parade of
balloons with a theme



Arts

Create a play of a
balloon that gets loose



Math

Thanksgiving parade
by the numbers
article



-ing

Careers in the parade



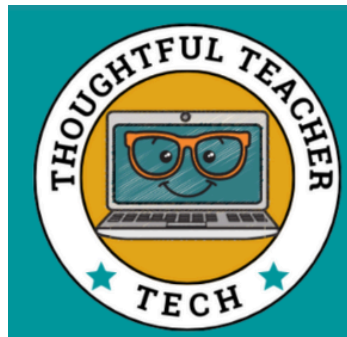
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Book Title: Three Little Pigs



Science

Pigs and farms
How pigs keep cool
in mud



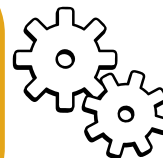
Technology

Wind power PSA
campaign for
alternative energy



Engineering

House construction
for natural disasters



Arts

3D Art



Math

Types of
Triangles



-ing

Alternate tales- True
Story of the Three Little
Pigs



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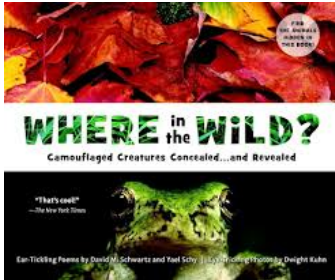
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Book Title:
Where In The Wild?



Science

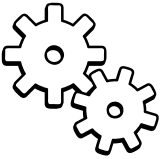
Why is Animal
Camouflage so
important, chameleons



Technology



Engineering



Arts

Animal
Camouflage slides



Math



-ing



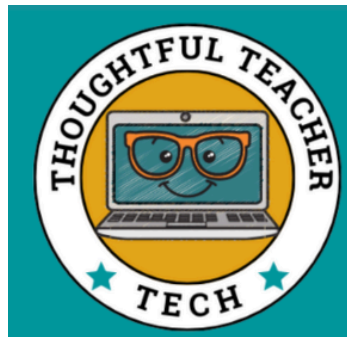
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Book Title:

Whose Poop Is That?



Science

Digestion from
taste to release



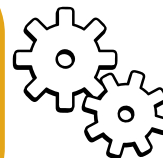
Technology

Study of internal
imaging



Engineering

Create an animal
poop removal



Arts

Matching game with
poop and animals,
clay poop



Math

Compare animals to the
size of their poop,
make charts/graphs



-ing

Penguin Poop
study



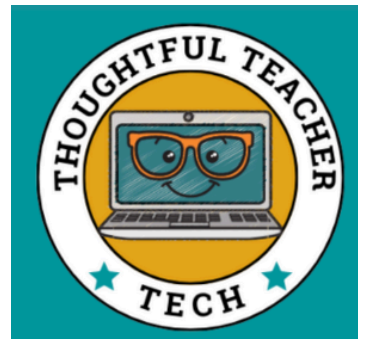
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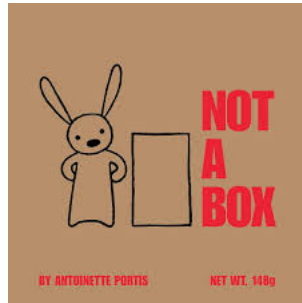
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STEAMing it Up

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Book Title:
Not A Box



Science

Recycling cardboard
and paper
Make recycled paper



Technology

3D designs of
boxes



Engineering

Building city skylines
using boxes, match
city picture to build



Arts

Painting and
creating scenes
inside a box



Math

Area and perimeter
of boxes, will it fit?



-ing

Write Not A Box
poems and create
the art



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STEAMing it Up

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Book Title: Not A Stick



Science

Tree life cycles

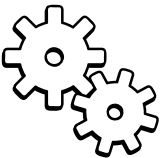


Technology



Engineering

Log cabin study
Build your own



Arts

Creating with sticks
and popsicle sticks



Math

Measuring sticks
Creating tree height
graphs



-ing

Careers with trees
Create poses with
trees in mind



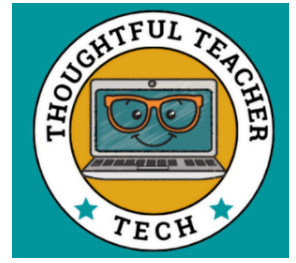
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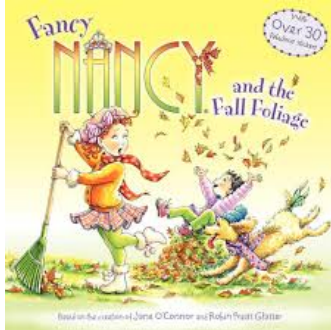
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STEAMing it Up

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Book Title:
Fancy Nancy
and the Fall
Foilage



Science

Seasons
Weather, Temperatures



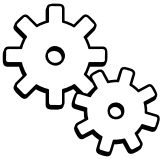
Technology

Create a map of the
best fall foilage, create
map key



Engineering

Research a fall
problem, design and
build a solution



Arts

Leaf prints with different
mediums
Make a leaf falling dance



Math

Temperature graphs
and charts



-ing

Leaf shape poems
Compare contrast to Fall
nonfiction book



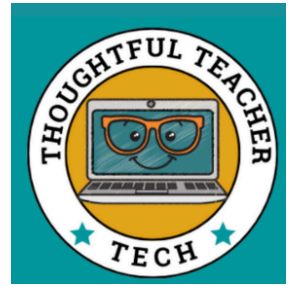
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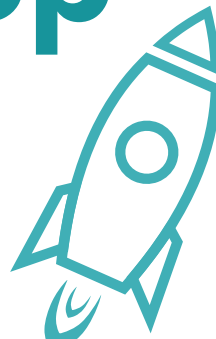
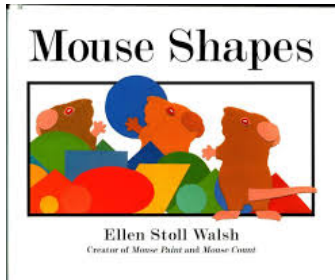
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Book Title: Mouse Shapes



Science

They are not the bad guys your think they are research project



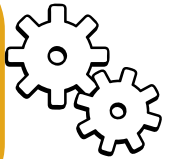
Technology

Mouse robot



Engineering

Build a Mouse Trap
Shape Hunt
Shape disguises



Arts

Shape Mobile
Air Dry Mice



Math

Tangrams
Shape sort items from
the class



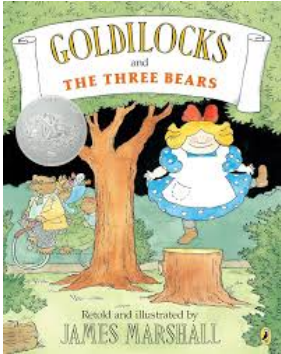
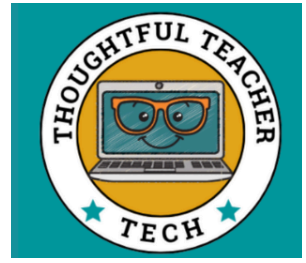
-ing

House Mouse,
Senate Mouse

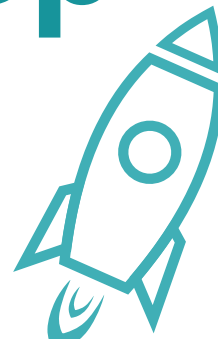


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Book Title: Goldilocks and the Three Bears



Science

Baking beds
Temperatures for baking
Safety of Temperatures- what is
safe for bath and for soup, etc



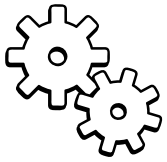
Technology

Create commercials for the
Just Right Bed
Fat Bear voting on NatGeo



Engineering

Build soft, hard, and
just right beds
Build chairs to hold 3
lbs



Arts

Design bedding and
chair cushions
Clay bowls for porridge



Math

Nonstandard
measurement using
gummy bears



-ing

Write a letter from
Goldilocks apologizing
for her mistakes.



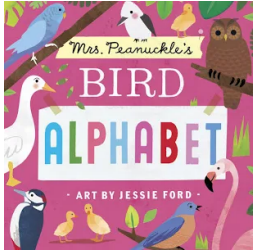
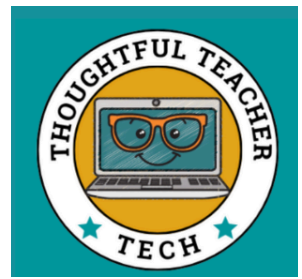
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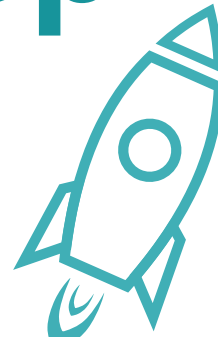
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and Maker with STEAM!



Book Title:
Mrs.
Peanuckle's
Bird Alphabet



Science

Types of Birds
Science of Flight
Bird life cycle



Technology

Take photographs of
birds
Research bird eggs



Engineering

Build a bird feeder
Build a bird house
Build a bird nest



Arts

Write with feathers and ink
Remake bird dances



Math

Count birds outside
Graph types of birds
Write word problems



-ing

Create maps showing bird
migration
Write journal entry from
bird's point of view



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