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WYSLICE 2020

Lesson #2

November 30,2020

“There Was An Old Lady...Chain Tales=String Loops”

Grade Levels: K-12, depending on level of complexity.

Standards Addressed: Computer Science AP.A Creating and Following Algorithms (verbally)

AP.C Create Sequences

AP.M Create a precise Sequence

AP.PD Develop plans, debug creation

ELA: Early Literacy Phonemic Awareness (Rhyme and oral memory)

1. Construct an “Old Lady” apron by taking an old apron and cutting a square out of the tummy area a little smaller than a quart size ziploc bag. Sew the bag to the back side of the hole around all edges except the top so that when the apron is worn, the audience will see the contents of what the old lady swallows through the bag.
2. Color and laminate the following animals, printed from Google images (Commons only): fly, spider, bird, cat, dog, goat, cow and horse.
3. Memorize the song or use a sing along video.
4. As you sing with students, make them “fill in the blank” as you build the chain. I.e. “she swallowed the dog to chase the _____, she swallowed the cat to catch the _____”.
5. For younger students (Pre-K through 2nd), point out the rhyming words and put them on a screen or word wall. You will also want to sing this song every time you meet for the next 4 weeks. Use the Power Point presentation to introduce the concepts of chain tales, loops and strings and then use the song as an anchor and example.
6. For intermediate students (3rd-6th) and secondary students (7th-12th) you could take this lesson deeper and have the students create their own chain story with accompanying code by first analyzing the Rosetta code example.

Resources:

1. https://rosettacode.org/wiki/Old_lady_swallowed_a_fly

There was an old lady who swallowed a fly.

I don't know why she swallowed the fly,

Perhaps she'll die.

There was an old lady who swallowed a spider,

that wiggled and wiggled and tickled inside her.

She swallowed the spider to catch the fly.

I don't know why she swallowed the fly.

Perhaps she'll die.

There was an old lady who swallowed a bird.

How absurd to swallow a bird.

She swallowed the bird to catch the spider,

that wiggled and wiggled and tickled inside her.

She swallowed the spider to catch the fly.

I don't know why she swallowed the fly.

Perhaps she'll die.

There was an old lady who swallowed a cat.

Imagine that, she swallowed a cat.

She swallowed the cat to catch the bird.

She swallowed the bird to catch the spider,
that wiggled and wiggled and tickled inside her.
She swallowed the spider to catch the fly.
I don't know why she swallowed the fly.
Perhaps she'll die.

There was an old lady who swallowed a dog.
My what a hog, to swallow a dog.
She swallowed the dog to catch the cat.
She swallowed the cat, to catch the bird,
She swallowed the bird to catch the spider,
that wiggled and wiggled and tickled inside her.
She swallowed the spider to catch the fly.
I don't know why she swallowed the fly.
Perhaps she'll die.

There was an old lady who swallowed a cow.
I don't know how she swallowed a cow.
She swallowed the cow to catch the dog.
She swallowed the dog, to catch the cat.
She swallowed the cat to catch the bird.
She swallowed the bird to catch the spider,
that wiggled and wiggled and tickled inside her.
She swallowed the spider to catch the fly.
I don't know why she swallowed the fly
Perhaps she'll die.

I know an old lady who swallowed a horse...

She's dead of course!