

**Surf Soup® TV and the Banana Unicorns The Poop  
Mystery  
A Magical STEM Mystery for Kids About Nature Clues,  
Animal Tracks, and the Science of Observation  
Book 12 Volume 3**

**By Donna Kay Lau**  
**<https://Surfsoup.tv>**

 Surf Soup® Reader STEM Activity Guide

The Poop Mystery

For Young Detectives, Readers, and Little Scientists

1) Observation Detective Sheet

Koa's Clue Hunt

Look at the mystery clue and answer:

What color was the clue?

What shape was it?

What did Koa find nearby?

seeds

berries

feathers

cheese curls

Who solved the mystery?

2) STEM Science Lab

Food Leaves Clues

Different foods can leave different colors.

Match the food to the clue color:

Blueberries → \_\_\_\_\_

Cheese curls → \_\_\_\_\_

Greens → \_\_\_\_\_

Word bank:

purple / orange / green

3) Animal Track Detective

Follow the Clues

What animal left the clue?

- hamster
- unicorn
- pigeon
- sea cucumber

How did Koa know?

#### 4) Critical Thinking

Slow Down and Notice

Why didn't Koa guess right away?

- He wanted to be kind
- He needed more clues
- Scientists observe first
- all of the above

#### 5) SEL / Mindfulness

Take a Slow Look

Pause for one minute.

Look around your room or outside.

Write down 3 things you notice.

#### 6) Mini STEM Experiment

Banana Science

Mash a banana.

Watch what happens after 5 minutes.

What changed?

- color
- smell
- texture

This is called oxidation.

#### 7) Creative Extension

Solve Your Own Mystery

Draw a mystery clue in the box below.

Who left it?

What clues helped solve it?