



The Weathering Song

At: <https://www.youtube.com/watch?v=2311yO5opVk>

When rock will break up pieces
And become smaller now
If they remain simply breaking down

Weathering when water freezes
And thaws in the springtime
It splits rocks in two

And it's ice in a cold December
But water when it becomes warm
And rocks broken they're expanding
And seeps in fissures and the holes
that freezes on now

Start with a chunk of large bedrock
It's weathering when it's breaking
down
Mechanical and chemical
Biotic, rocks are smaller now

Movement of rocks, taking some time
Erosion rocks moving aside
And out of all the forces done
By water, wind, they travel now, now

It can be chemical reactions
Breaking down bonds
That do hold the rocks together
Makes them fall apart

Oxidation, carbonation, hydrolysis
rocks are soft
Helping to break them all apart
By some other force

Start with a chunk of large bedrock
It's weathering when it's breaking
down

Movement of rocks, taking some time
Erosion rocks moving aside
And out of all the forces done
By water, wind, they travel now

The roots go down
The rocks are cracking and breaking
They wedge and widen space they
make

And it's ice in a cold December
But water when it becomes warm
And rocks broken they're expanding
And seeps in fissures and the holes
that freezes on now

Start with a chunk of large bedrock
It's weathering when it's breaking
down
Mechanical and chemical
Biotic, rocks are smaller now

Movement of rocks, taking some time
Erosion rocks moving aside
And out of all the forces done
By water, wind, they travel now

Start with a chunk of large bedrock
It's weathering when it's breaking
down
Mechanical and chemical
Biotic, rocks are smaller now

Note: Concept and Fluency

Name _____

Water Erosion

1 st Observation	2 nd Observation
I noticed:	I wonder:



Wind Erosion

1st Observation

2nd Observation

I noticed:

I wonder:



River Erosion

1st Observation

2nd Observation

I noticed:

I wonder:



Mountain Erosion

1st Observation

2nd Observation

I noticed:

I wonder:



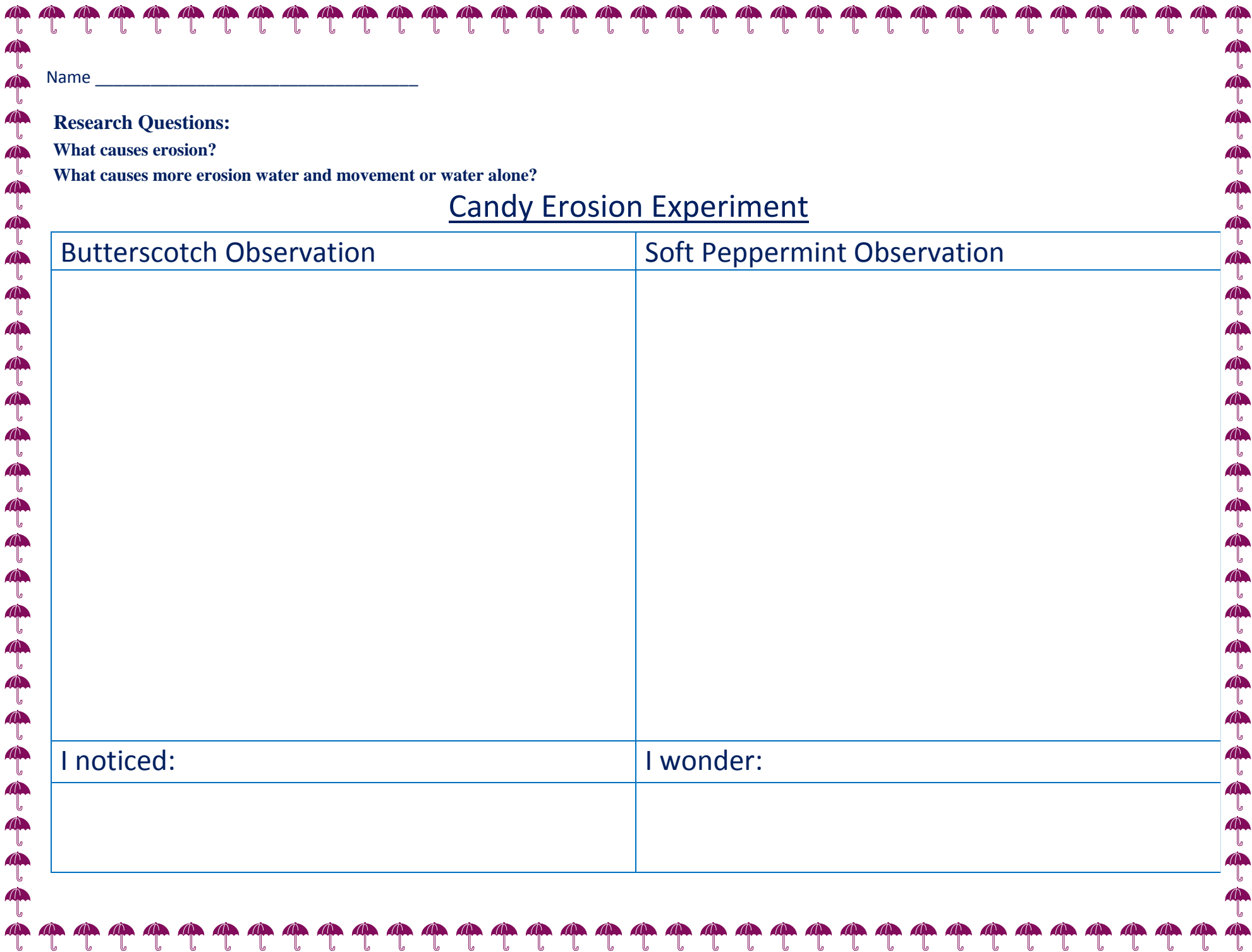
Mountain with Trees Erosion

1st Observation

2nd Observation

I noticed:

I wonder:



Name _____

Research Questions:

What causes erosion?

What causes more erosion water and movement or water alone?

Candy Erosion Experiment

Butterscotch Observation	Soft Peppermint Observation
I noticed:	I wonder: