

FALL THEMED DEDUCTIVE REASONING ACTIVITIES



Name: _____ Date: _____

The Case of the Disappearing Scarecrow

It's almost time for the Maplewood Elementary Fall Festival. The star of the festival is always the Harvest Scarecrow. But this year, something strange has happened- the Harvest Scarecrow has disappeared!

No one knows who took it, and the festival is just one day away. Four students were seen near the garden before the scarecrow went missing: Ava the Artist, who was sketching in her notebook; Ben the Builder, who was helping set up decorations; Chloe the Class President, who was organizing the event; and Dylan the Daredevil, who was known for playing pranks on his friends.

Your mission is to solve the clues and figure out who took the scarecrow, where it's hidden, and why- before the Fall Festival begins!

Challenge #1: Where did the footprints lead?

Your first task is to follow the footprints leading away from the scarecrow's last known location. The footprints were spotted in different areas around the school, but you'll need to figure out which student's footprints lead away from the garden.

- The footprints near the gym belong to Ben, who was setting up tables.
- The footprints near the playground belong to Ava, who was setting up tables.
- The footprints near the classroom wing were small and neat, but they weren't Chloe's.
- Dylan was running around near the library, but his footprints didn't go near the gym.

	Gym	Playground	Classroom Wing	Library
Ava				
Ben				
Chloe				
Dylan				

Challenge #2: What were their tools?

Now that you've figured out where each student's footprints led, your next task is to discover what tools each person had with them. These tools might give you more information about who had the right equipment to move or hide the scarecrow. Each student had something specific to their task, but only one tool could be used to assist in moving the scarecrow.

- The person near the playground only had her sketchbook and a pencil.
- Ben was setting up decorations and was using a hammer and nails.
- The person by the classroom was carrying a clipboard and a pen for organizing the festival.

	Sketchbook	Hammer and Nails	Clipboard	Large Bag
Ava				
Ben				
Chloe				
Dylan				

Challenge #3: What evidence was found?

In this final challenge, you need to figure out what evidence was found on each character that could link them to the missing scarecrow. Each character had something with them when they were near the scarecrow, but only one piece of evidence directly connects to its disappearance. Your job is to use the clues to deduce which character had the key piece of evidence that ties them to the crime.

- This person was found with hay on her sketchbook.
- The person with the hammer and nails had paint on his hands.
- Chloe had a piece of rope in her pocket.

	Hay	Paint	Rope	Straw
Ava				
Ben				

Challenge #4: What was the motive?

Each student had a reason for being near the garden, but only one of them had a strong enough motive to take the scarecrow.

- The person with the sketchbook loved drawing the scarecrow every year.
- The person with the straw thought the scarecrow looked out of place.
- This person was a prankster. He joked earlier about doing something to make the festival more exciting.

	Loved the Scarecrow	Didn't Like the Scarecrow	Scarecrow Wasn't Important	Prankster
Ava				
Ben				
Chloe				
Dylan				

After considering the clues, it is clear that the culprit was _____ because _____ had joked about making the festival more exciting by pulling pranks.



2nd Grade

6 DEDUCTIVE REASONING/ CRITICAL THINKING CHALLENGES

Name: _____ Date: _____

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No one knows who took it, and the festival is just one day away. Four students were seen near the garden before the scarecrow went missing: Ava the Artist, who was sketching in her notebook; Ben the Builder, who was helping set up decorations; Chloe the Class President, who was organizing the event; and Dylan the Daredevil, who was known for playing pranks on his friends.

Your mission is to solve the clues and figure out who took the scarecrow, where it's hidden, and why-before the Fall Festival begins!

Challenge #1: Where did the footprints lead?

Your first task is to follow the trail of footprints leading away from the known location. The footprints were spotted in different areas around the garden. You need to figure out which student's footprints lead away from the garden.

- The footprints near the gym belong to Ben, who was setting up tables.
- Chloe wasn't near the playground.
- The footprints near the classroom wing were small and neat, but they didn't lead to the garden.
- Dylan was running around near the library, but his footprints didn't lead to the garden.

	Gym	Playground	Classroom Wing
Ava			
Ben			
Chloe			
Dylan			

Name: _____ Date: _____

The Case of the Apple Thief

It's a crisp fall day at Sunnyvale Apple Orchard, but something has gone wrong! Apples have been disappearing from the orchard over the past few days, and the orchard manager, Mr. Granger, is determined to figure out who's behind it. Four suspects-Bella the Beekeeper, Ravi the Chef, Amara the Artist, and Diego the Delivery Driver-have been seen near the missing apples, and each has a different alibi.

Your job is to solve four puzzles, each providing a clue, to help you figure out who took the apples, where they hid them, and why.

Challenge #1: Who Was in Which Part of the Orchard?

Your first task is to figure out who was in which part of the orchard when the apples were missing.

Name: _____ Date: _____

The Mystery of the Missing Pumpkin

It's Halloween night, and something spooky has happened at Spooksville Elementary. The school's biggest pumpkin, meant for the annual Halloween party, has gone missing. Four suspects-Wanda the Witch, Freddy the Frankenstein, Violet the Vampire, and Gary the Ghost-were seen near the pumpkin earlier in the day.

Your job is to solve four puzzles, each revealing a clue that will help you figure out who took the pumpkin and where it's hidden.

Challenge #1: Who Was Where?

You have to figure out where each character was during the party setup. Read the clues and fill in the chart to find out where Wanda, Freddy, Violet, and Gary were when the pumpkin disappeared.

Name: _____ Date: _____

The Haunted House Mystery

It's Halloween night, and a group of kids has dared to enter the mysterious old Spooksville Haunted House. The doors slam shut behind them, trapping them inside! The only way to escape is to solve a series of spooky logic puzzles. Four eerie creatures-Wanda the Witch, Freddy the Frankenstein, Violet the Vampire, and Gary the Ghost-have left clues throughout the house to help the kids find the key.

You must solve all four puzzles to figure out who set the traps and how to escape!

Challenge #1: Who Was in Which Room?

The first step to escaping is to figure out which creature was in each room when the doors slammed shut. Use the clues to fill in the chart and find out who was where.

- Wanda wasn't in the kitchen or the attic.
- Freddy wasn't near the library.
- Gary wasn't near the attic.
- Violet was in the same room as the spooky books.

	Kitchen	Attic	Library	Living Room
Wanda				
Freddy				
Violet				
Gary				

Name: _____ Date: _____

The Acorn Heist

The animals of Forest Grove are preparing for their big fall festival when something terrible happens-the large pile of acorns they collected for the event has gone missing! Four animals-Squirrel, Rabbit, Fox, and Raccoon-were seen near the pile before it disappeared. Your job is to solve four deductive reasoning challenges to figure out who took the acorns and where they are hidden!

Challenge #1: Who Was Where?

You need to figure out where each animal was in Forest Grove when the acorns disappeared. Use the clues and the chart below to determine the locations of Squirrel, Rabbit, Fox, and Raccoon.

- Squirrel wasn't near the river or the cave.
- Rabbit didn't go near the cave.
- Fox was spotted near the river.
- Rabbit wasn't in the trees.

	Trees	Cave	River	Meadow
Squirrel				
Rabbit				
Fox				
Raccoon				

Name: _____ Date: _____

The Case of the Missing Turkey

It's Thanksgiving morning, and something shocking has happened at the Johnson family house. The Thanksgiving turkey, the star of the big family feast, has mysteriously disappeared from the kitchen. Four family members-Uncle Bob, Cousin Emma, Grandpa Joe, and Aunt Lisa-were all seen near the kitchen just before the turkey vanished.

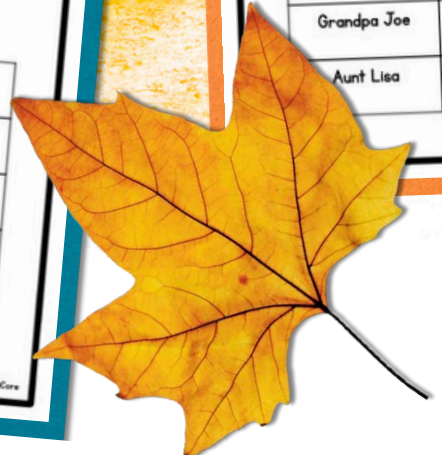
Now, the family needs your help to solve four deductive reasoning challenges to figure out who took the turkey and where it's been hidden.

Challenge #1: Who Was Where?

Your first challenge is to figure out where each family member was during the feast preparations. Use the chart and clues to find out where Uncle Bob, Cousin Emma, Grandpa Joe, and Aunt Lisa were when the turkey went missing.

- Uncle Bob wasn't in the backyard or the dining room.
- Cousin Emma was outside but not near the garden.
- Grandpa Joe was in his favorite spot, somewhere outside.
- Aunt Lisa wasn't in the living room.

	Backyard	Dining Room	Garden	Living Room
Uncle Bob				
Cousin Emma				
Grandpa Joe				
Aunt Lisa				



ENGAGING AND THEMED STORYLINE WITH FOUR SHORT CHALLENGES

4 Challenge #4: Where Was the Pumpkin Hidden?

To solve the final mystery, you need to figure out where the pumpkin is hidden. Use the clues to match each suspect to their favorite hiding spot and find out where the pumpkin is.

- Wanda is afraid of heights.
- Freddy hid something in the school's attic.
- Gary always hides things high up.
- The creature with the lantern was found under the table.

	Under the Table	Behind the Curtain	In the Attic	On the
Wanda				
Freddy				
Violet				
Gary				

Final Clue: The culprit hid the pumpkin behind the curtain.

Who is the culprit? _____



2 Challenge #2: Who Took What?

Each suspect took one Halloween treat from the table. Use the clues to figure out which treat each suspect took.

- The vampire can't have garlic.
- Gary doesn't like sweets.
- Freddy doesn't like chocolate.
- The pretzels have garlic.
- The creature near the candy apples loves sour candy.

	Lollipops	Chocolate	Pretzels	Sour Bats	Candy Corn
Wanda					
Freddy					
Violet					
Gary					

3 Challenge #3: The Pumpkin Conundrum

Now you need to figure out who was carrying something big enough to hide a pumpkin! Solve this chart by figuring out what each character was carrying.

- Freddy wasn't carrying a cauldron.
- Gary was carrying something round and spooky.
- Wanda was holding the bucket.
- The lantern is rectangular.
- The creature with chocolate does not have a broomstick.

	Broomstick	Cauldron	Lantern	Bucket
Wanda				
Freddy				
Violet				
Gary				

The Mystery of the Missing Pumpkin

It's Halloween night, and something spooky has happened at Spooksville Elementary. The school's biggest pumpkin, meant for the annual Halloween party, has gone missing. Four suspects—Wanda the Witch, Freddy the Frankenstein, Violet the Vampire, and Gary the Ghost—were seen near the pumpkin earlier in the day.

Your job is to solve four puzzles, each revealing a clue that will help you figure out who took the pumpkin and where it's hidden.

1 Challenge #1: Who Was Where?

You have to figure out where each character was during the party setup. Read the clues and fill in the chart to find out where Wanda, Freddy, Violet, and Gary were when the pumpkin went missing.

- Wanda wasn't near the cauldron or the broomstick.
- Freddy wasn't near the spiders.
- Gary wasn't near the broomstick.
- The vampire was next to the spiders.

	Broomstick	Cauldron	Spiders	Candy Apples
Wanda				
Freddy				
Violet				
Gary				

DETAILS BUILD ON EACH CHALLENGE

The Acorn Heist

The animals of Forest Grove are preparing for their big fall festival when something terrible happens—the large pile of acorns they collected for the event has gone missing! Four animals—Squirrel, Rabbit, Fox, and Raccoon—were seen near the pile before it disappeared. Your job is to solve four deductive reasoning challenges to figure out who took the acorns and where they are hidden!

Challenge #1: Who Was Where?

You need to figure out where each animal was in Forest Grove when the acorns disappeared. Use the clues and the chart below to determine the locations of Squirrel, Rabbit, Fox, and Raccoon.

- Squirrel wasn't near the river or the cave.
- Rabbit didn't go near the cave.
- Fox was spotted near the river.
- Rabbit wasn't in the trees.

	Trees	Cave	River	Meadow
Squirrel				
Rabbit				
Fox				
Raccoon				

Challenge #2: Who Took What?

Each animal took one treat from the forest gathering spot before the acorns went missing. Use the clues and the chart to figure out which treat each animal grabbed.

- The animal in the trees only likes nuts, so they didn't take the berries or the apples.
- The animal in the meadow loves berries.
- Fox avoids sweet things.
- Raccoon eats just about anything but didn't take the carrots.

	Berries	Carrots	Apples	Nuts
Squirrel				
Rabbit				
Fox				
Raccoon				

Challenge #3: What Were They Carrying?

Now, you need to figure out which animal had something big enough to carry a large pile of acorns. Use the clues to solve the chart and find out what each animal was carrying.

- Squirrel wasn't carrying a bag.
- The animal with the berries had something that couldn't hold items.
- The animal with the carrots was carrying something.
- Raccoon had something big enough to hold items.

	Basket	Bag	Leaves	Pouch
Squirrel				
Rabbit				
Fox				
Raccoon				

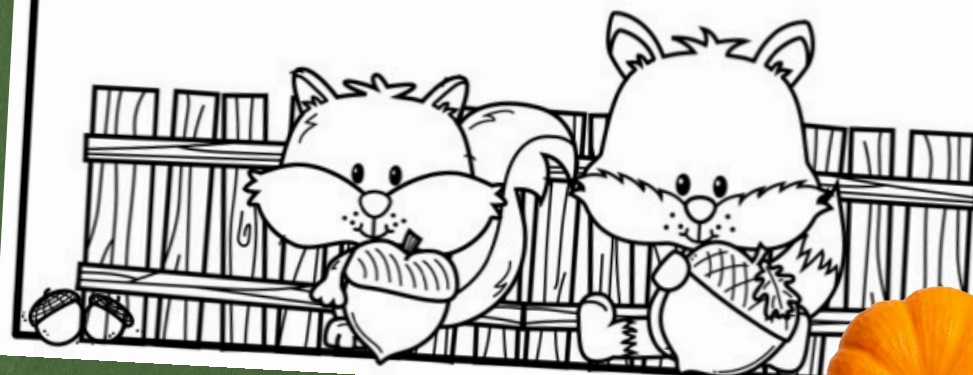
Challenge #4: Where Were the Acorns Hidden?

For the final challenge, you need to figure out where the acorns are hidden. Use the clues to match each animal to their favorite hiding spot and find out where the acorns are!

- Squirrel likes hiding things in the trees.
- The animal with the pouch avoids dark places.
- The animal near the river prefers hiding things near the river.

	Trees	Cave	River	Meadow
Squirrel				
Rabbit				
Fox				
Raccoon				

After considering the clues, it is clear that _____ hid the acorns in the _____.



STUDENTS MUST PAY ATTENTION TO DETAILS TO COMPLETE THE DEDUCTIVE REASONING CHART.

CONSISTENT FORMAT TO BUILD INDEPENDENCE



4 Challenge #4: When Did They Take the Apples?

In this final challenge, you need to figure out where the apples were hidden. Each person had a favorite hiding spot in the orchard, but only one of these locations was used to hide the missing apples. The clues will help you determine who hid the apples and where.

- The person who was near the Granny Smith trees hid the apples under a woodpile.
- Ravi didn't hide anything near the tractor.
- The person who left behind the empty bag hid the apples near the tool shed.

	Barn	Woodpile	Tractor	Tool Shed
Wanda				
Freddy				
Violet				
Gary				

4 Challenge #4: The Haunted Items Puzzle

In the attic, there are four haunted items, and one of them holds the key to escape the haunted house. Each creature interacted with one of the items, but only one of these items is linked to the key. Use the clues to figure out which item each creature touched, and which one holds the key.

- The creature who heard whispers didn't touch the old mirror.
- Wanda didn't touch the creaky rocking chair.
- The creature who touched the dusty book wasn't in the library.
- Freddy didn't touch the haunted painting.
- Violet was using an object to admire her fangs.
- The creature who heard footsteps was resting in the rocking chair.

	Old Mirror	Dusty Book	Haunted Painting	Rocking Chair
Wanda				
Freddy				
Violet				
Gary				

Clue: The key to escape is inside the

Who is the culprit? _____

2 Challenge #2: Who Set Which Trap?

Each of the four creatures set a trap in one of the rooms. Use the clues and the information from Challenge 1 to figure out which trap each creature set. Be careful—some of the traps are more dangerous than others!

- The creature in the living room doesn't like spiders.
- Freddy's trap was something slippery and messy.
- Violet can't stand garlic, so she didn't set the garlic trap.
- Gary loves spooky things and set a trap with spiders.

	Spiders	Slime	Garlic	Creepy Crawlers
Wanda				
Freddy				
Violet				
Gary				

2 Challenge #2: What Did Each Person Bring to the Orchard?

Each person brought something with them to the orchard. One of these items could have been used to steal the apples. Use the clues and the information from Challenge 1 to figure out what each person brought.

- The person near the Red Delicious trees didn't leave beekeeping gloves.
- The person near the Granny Smith trees brought a sketchbook.
- The person with the recipe book wasn't near the Honeycrisp trees.

	Basket	Recipe Book	Sketchbook	Canvas Bag
Bella				
Ravi				
Amara				
Diego				

The Case of the Apple Thief

It's a crisp fall day at Sunnyvale Apple Orchard, but something has gone wrong! Apples have been disappearing from the orchard over the past few days, and the orchard manager, Mr. Granger, is determined to figure out who's behind it. Four suspects—Bella the Beekeeper, Ravi the Chef, Amara the Artist, and Diego the Delivery Driver—have been seen near the missing apples, and each has a different alibi.

Your job is to solve four puzzles, each providing a clue, to help you figure out who took the apples, where they hid them, and why.

1 Challenge #1: Who Was in Which Part of the Orchard?

Your first task is to figure out which part of the orchard each person was in when the apples went missing. Use the clues to fill in the chart and find out where everyone was during the day.

- Bella wasn't near the Granny Smith or Honeycrisp apple trees.
- Ravi was near the Golden Delicious apple trees.
- Amara wasn't near the Honeycrisp apple trees.
- Diego wasn't near the Granny Smith trees.

	Granny Smith	Golden Delicious	Honeycrisp	Red Delicious
Bella				
Ravi				
Amara				
Diego				

The Haunted House Mystery

It's Halloween night, and a group of kids has dared to enter the mysterious old Spooksville Haunted House. The doors slam shut behind them, trapping them inside! The only way to escape is to solve a series of spooky logic puzzles. Four eerie creatures—Wanda the Witch, Freddy the Frankenstein, Violet the Vampire, and Gary the Ghost—have left clues throughout the house to help the kids find the key.

You must solve all four puzzles to figure out who set the traps and how to escape!

1 Challenge #1: Who Was in Which Room?

The first step to escaping is to figure out which creature was in each room when the doors slammed shut. Use the clues to fill in the chart and find out who was where.

- Wanda wasn't in the kitchen or the attic.
- Freddy wasn't near the library.
- Gary wasn't near the attic.
- Violet was in the same room as the spooky books.

	Kitchen	Attic	Library	Living Room
Wanda				
Freddy				
Violet				
Gary				

Did They Hear?

Write the sounds each creature heard while in their room in the next puzzle. Solve this logic puzzle by figuring out which creature heard the spooky night sounds.

Write the sounds each creature heard while in their room in the next puzzle. Solve this logic puzzle by figuring out which creature heard the spooky night sounds.

Write the sounds each creature heard while in their room in the next puzzle. Solve this logic puzzle by figuring out which creature heard the spooky night sounds.

	Whispers	Howling	Creaking Door
Wanda			
Freddy			
Violet			
Gary			



MULTI USE

Challenge #2: Who Ate What?

2 Each family member grabbed a different Thanksgiving snack from the table before the turkey went missing. Use the clues to figure out which treat each family member took.

- The person in the living room doesn't like anything sweet.
- Cousin Emma loves pie.
- The person in the garden can't eat nuts.
- Aunt Lisa loves red foods.

	Pecan Pie	Cranberry Sauce	Stuffing	Pumpkin Pie
Uncle Bob				
Cousin Emma				
Grandpa Joe				
Aunt Lisa				

3 Challenge #3: What Were They Carrying?

Now it's time to figure out who was carrying something large enough to hide the turkey. Solve the chart by using the clues to figure out what each family member was carrying.

- The person eating stuffing wasn't carrying a casserole dish, but their item was breakable.
- Grandpa Joe was carrying something with a lid.
- The person with the pecan pie had something breakable.
- Aunt Lisa was carrying a blanket.
- The person with the casserole dish is the culprit.

	Casserole Dish	Basket	Blanket	Plate
Uncle Bob				
Cousin Emma				
Grandpa Joe				
Aunt Lisa				

The Case of the Missing Turkey

Name: _____ Date: _____
 It's Thanksgiving morning, and something shocking has happened at the Johnson family house. The Thanksgiving turkey, the star of the big family feast, has mysteriously disappeared from the kitchen. Four family members—Uncle Bob, Cousin Emma, Grandpa Joe, and Aunt Lisa—were all seen near the kitchen just before the turkey vanished.

Now, the family needs your help to solve four deductive reasoning challenges to figure out who took the turkey and where it's been hidden.

1 Challenge #1: Who Was Where?

Your first challenge is to figure out where each family member was during the feast preparations. Use the chart and clues to find out where Uncle Bob, Cousin Emma, Grandpa Joe, and Aunt Lisa were when the turkey went missing.

- Uncle Bob wasn't in the backyard or the dining room.
- Cousin Emma was outside but not near the garden.
- Grandpa Joe was in his favorite spot, somewhere outside.
- Aunt Lisa wasn't in the living room.

	Backyard	Dining Room	Garden	Living Room
Uncle Bob				
Cousin Emma				
Grandpa Joe				
Aunt Lisa				

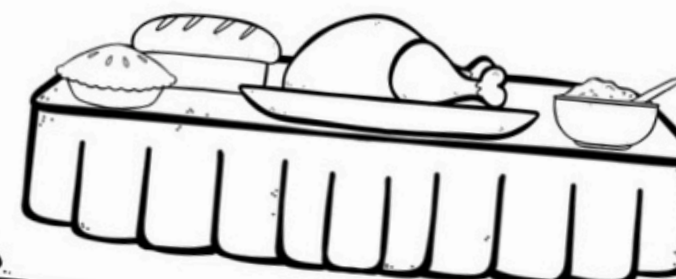
4 Challenge #4: Where Was the Turkey Hidden?

For the final challenge, you need to figure out where the turkey is hidden. Use the clues to match each family member to their favorite hiding spot and find out where the turkey is.

- The person with the casserole dish likes to hide things high up.
- Cousin Emma never hides things in the house.
- The person with the cranberry sauce hid something in the pantry.

	Pantry	Garden Shed	Attic	Garage
Uncle Bob				
Cousin Emma				
Grandpa Joe				
Aunt Lisa				

After considering the clues, it is clear that _____ took the turkey and hid it _____.



PERFECT FOR FUN ACTIVITIES, FUN FRIDAY, EARLY FINISHERS, OR MATH CENTERS.