

COME ALIVE WITH SIMULATIONS!

STORM ON THE MOUNTAIN

Do the listed activities and you will **live** STORM ON THE MOUNTAIN!

Caution – Choose the right location and observe all advisable safety precautions!

1 Fight to the Finish!

- Thumb or arm wrestle with a classmate – carefully.
- Bring a Border Collie (or other appropriate dog) to class for Show and Tell.
- Study ants and anthills. Observe an ant farm.

2 A Stick, Two Cousins, and a Grand Uncle

- Draw your family tree.
- Name your Grand Uncles.
- Draw one Grand Uncle. Remember, he looks a little like you!
- Study rocks, especially those collected from a creek or river.
- Have students bring in and observe creek critters – like water bugs, minnows, crawdads, &/or frogs.

3 Terrible Turtle Troubles

- Bring in a box turtle to the classroom. Be sure to wash hands carefully to avoid bacteria that cause Salmonella!!
- Draw pictures of turtles.
- Research and write a paragraph on box turtles.



4 The Stick Strikes Again!

- Collect and draw forked sticks.
- Research the effects of four-wheelers on land and waterways.
- Discuss how to use four-wheelers in an environmentally safe way.

This page and other Teacher Helps and Student Activities are available at www.SmokyMountainStickboy.com.

5 Disaster Ahead!

- What is the law about riding 4 wheelers in your area?
- Draw the scene of the imminent disaster between Uncle Nunk and Moose and Rhino.
- Demonstrate how the friendly neighbor pulled Uncle Nunk's old truck out of the ditch. Use model trucks, pulleys, chains, rope, etc. How do you move things? How much force does it take?

6 Uncle Nunk Confronts the Bullies

- Experiment using ice to numb skin. Why is it effective? Be careful not to overdo!
- Draw Moose or Rhino.
- Give 3 reasons why you do not want to be a bully.

7 Isabella's Flight to Tennessee

- Do a flight simulation.
- Draw an airplane or airport with terminals and runways.
- Research air traffic control.
- Write an email introducing a friend to one of your cousins.

8 Superman and the Princess

- Dress like Superman, and watch intro clip from a Superman movie.
- Display tiaras and wands.
- Conduct running races.
- Discuss how and why people move differently as they age.

9 Pygmy Goat Fun

- Arrange for a goat Show and Tell – outside, of course!
- Draw a goat playground.



10 Buttercup and Puddle

- Brainstorm names for pets.
- Study and write about pygmy goats.



11 Isabella Arrives

- Map the flight from Milwaukee, Wisconsin to Knoxville, Tennessee.
- Map the drive from McGhee Tyson Airport to Charu's house.
- Watch DVD of the Great Smoky Mountains National Park.
- Gather notable facts about the GSMNP.
- Research rockslides in mountainous terrain. Can they be controlled?

12 Isabella Meets Goats and Boys

- Practice proper protocol for introductions, especially older people to young people.
- Research and write a paragraph about caring for goats.
- Dress in old clothes and shoes for working with goats.
- Bottle feed a baby goat, if possible.

13 A Rocky Start

- Make real lemonade – squeeze the lemons! Enjoy!
- Collect, observe, identify, and draw wildflowers – include chicory and Queen Anne's Lace, if available.

14 Possum Problems

- Host an old time tool Show and Tell.
- Go on a field trip to a barn – make it a cantilever, if possible.
- Draw a barn – outside and/or cutaway view.
- Collect pictures and facts about opossums.



This page and other Teacher Helps and Student Activities are available at www.SmokyMountainStickboy.com.

15 Bird Bombs and Old Buildings

- Study the structure of cantilever barns.
- Go on a field trip to a barn – if possible, to a cantilever barn.
- Compare/contrast outhouses and modern bathrooms.
- Draw an outhouse, both inside and outside view.
- Interview someone who has used an outhouse.
- Lay on your back and find pictures in the clouds. Draw what you see.



16 Homemade Ice Cream

- Make homemade ice cream with an old fashioned crank machine, if possible. Analyze the process.
- Eat ice cream, homemade or store bought.

17 Cometh “The Nunk”!

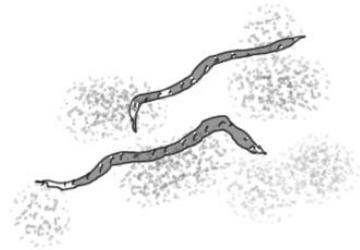
- Explore nicknames.
- Dress like a rough and ready mountain man or woman.
- Discuss wilderness survival.

18 The Gang’s All Here

- Eat fresh blackberries. Research their uses. Bake blackberry cobbler.

19 A People Camp and a Goat Camp

- Research and draw earthworms.
- Why do you sometimes find “bonked-out” worms (as Nandan would say) on sidewalks?
- Experiment reviving “bonked out” worms.
- Name some things you might do in a goat camp.



This page and other Teacher Helps and Student Activities are available at www.SmokyMountainStickboy.com.

20 Before We Hit the Trail

- Pack backpacks for hiking.
- Draw and practice using a compass.
- Demonstrate the use of an Emergency Blanket, water purifying tablets, first aid kit, safety whistles, rain parka, and/or waterproof matches. How could each be the difference between life and death?

21 Rogues and Rotten Eggs

- Research chicken eggs, their uses, and variety of ways to eat.
- Peel and eat boiled eggs.

22 Two Nuts in a Net

- Draw a net trap. How does it work?
- Demonstrate use of an old Polaroid camera.
- Discuss and demonstrate the use of cameras to document events.



23 Mope and Scratch on a Rainy Day!

- Draw and discuss poison ivy and/or chiggers.
- Make strawberry jam sandwiches with lots of jam. Lick jam off sandwich edges.
- Write about what you like to do on a rainy day.

24 Gran to the Rescue

- Bake and taste test chocolate chip cookies.
- Demonstrate how to knit and bring in knitted items.
- Research how rain affects the Great Smoky Mountains National Park.

This page and other Teacher Helps and Student Activities are available at www.SmokyMountainStickboy.com.

25 It's a Go!

- Dress for a “rough and sweaty” day in the woods.
- Draw a backpack full of gear.
- How much weight could you carry in your backpack?
For how long? Experiment.



26 A Day in the Woods

- Draw two bunnies.
- Research and write a paragraph on rattlesnakes.
- Simulate the trek in the woods by following a leader all over the playground.
- Draw a scene in Doc's forest.
- How is an undisturbed forest unique?

27 In the Swing of Things

- Hold a “swing” extravaganza” – use safe playground swings, bars, etc. Be careful!
- Research and write a paragraph on grapevines.
- Based on your study, make a list of grapevine swinging guidelines.
- Construct model swings. How do they work?

28 Esther's Surprise!

- Mix strawberry jam, mayonnaise, and pickles. Taste with bread. Why do you like or dislike the combination? What ingredients do mix well with jam or mayonnaise or pickles?
- What is a spring? Why is spring water cool? Take a field trip to a spring.
- Have a picnic under a tree.

29 Treehouse Trauma

- Design the perfect treehouse.
- What kind of tree is best for treehouses?
- Build a treehouse with blocks or Legos – or if you're lucky, the real thing – with an adult's help, of course.
- Make a model rope ladder using string.

30 Of Snakes, Bears, and Skunks

- Host a “camp-out.” Set up tents with camping gear.
- Design the ideal layout for a campsite in a campground.
- Grill hamburgers, with adult help.
- Tell campfire stories.



31 Ranger Gives a Weather Report

- Draw a salamander. Research salamanders in the GSMNP.
- Prepare and serve bacon and eggs.
- Research weather in the Great Smoky Mountains National Park. Explain the effect of elevation, season of the year, etc.
- Keep a month’s record of the weather conditions in both Gatlinburg and Clingmans Dome. Analyze your findings.

32 Storm on the Mountain

- Draw a lightning storm in the mountains.
- Under what conditions can pop-up thunderstorms occur? . . . or a line of storms?
- Discuss off-trail hiking.
- Research and write a paragraph about why trees fall.
- What happens when you “turn an ankle”? What should you do?

33 Chaos in the Park

- Watch DVD of thunderstorms, tornadoes, etc.
- Get WET! Have a water fight on the playground using spray bottles, water balloons, etc.

34 Nunk Searches for Shelter

- Study, write about, and draw the effect of heavy rain on the GSMNP.
- Research and write about bear dens.

This page and other Teacher Helps and Student Activities are available at www.SmokyMountainStickboy.com.

35 Traversing the Mountainside

- Draw a rope. Why is a rope important safety gear?
- On the playground, create obstacle course with swing bars, monkey bars, horizontal ladder, zipper, slides, climbing ropes, etc. Have fun! Be careful!

36 Trapped!

- Meet in a small, dark place to read this chapter.
- Eat PowerBars.
- Dig with a short-handled shovel – in an appropriate place.
- Do the “army-belly” crawl in the gym. How fast can you move?

37 Ranger Down!

- Experiment using levers and fulcrums to lift objects.
- Draw a fallen tree with root ball and root pit.
- Using sticks, create make-shift crutches.

38 Facing-down The Bullies

- As a result of the falling tree, Ranger Mace had a concussion and five broken ribs. What is the procedure for treatment and recovery?
- Write a paragraph about how you have or will stand up to a bully.



38 Final Good-byes

- What conditions made it difficult at first for Bella to adapt to living in the mountains?
- If Evvan and Mica spent ten days in a big city, what things would be very different for them? (Charu used to live in the city, so she could adjust more easily.)
- Discuss how Evan, Mica, Charu, and Bella are different at the end of the book.
- Tell a classmate what you like about her or him.

This page and other Teacher Helps and Student Activities are available at
www.SmokyMountainStickboy.com.