

THE WISCONSIN RIVER DISTRICT PRESENTS

JURASSIC ADVENTURE

JOIN US FOR A FUN-FILLED DAY
OF DINO-THEMED ADVENTURES!



Thank You for joining us! As you navigate through this Jurassic Adventure of Prehistoric fun, we thought it would be helpful to include a step by step list to get you to your destination. We hope you enjoy and have fun!

Step 1-

Register in advance for this free event at Scoutingevent.com

You can also purchase a **limited edition custom event patch** through the registration page!

Please download the Adventure Guide located in the attachments section of the main registration page. This guide contains the event schedule, needed supplies, scout advancements, and a few fun extras!

Step 2-

“Like” the [Wisconsin River District- Glacier's Edge Council, BSA](#) Facebook page, and follow for event info and updates.

Step 3-

Click on the [Jurassic Adventure](#) event on the Wisconsin River District Facebook page, then select “Going”. This will ensure that you are sent a notification on the day of the event as soon as we go live!

Step 4-

Make sure you download the Adventure Guide! The last few pages have some fun links and activities. Now is the time to gather supplies and get out your Camping Gear! (The Adventure Guide has a gear list with everything you’ll need to have a successful campout. Have your scout or child help get everything together. It’s like a scavenger hunt!

Step 5-

Watch your email for more info and updates.

Step 6-

On the day of the event, October 10th, be sure to login to Facebook and click on the event link on the [Wisconsin River District- Glacier's Edge Council, BSA](#) Facebook page and “Be Prepared” for a day of Jurassic Adventures and Tons of Fun!

WRD Adventure Guide

Participants Names: _____

Setup your campsite prior to the event, if possible. Campsite setup will be covered near the end of the event.

9:00am Jurassic Adventures goes Live! (Opening)

9:02am Pledge of allegiance

9:05am Welcome

Activities:

9:10am Dino Digs (Layered dirt Pudding)



- Wolves:

- ▽ Digging in the past

- #4: Make edible fossil layers, Explain how this snack is a good model for the formation of fossils

9:40am

TriceraKnots! (Knots)



- Lions:

- ▽ I'll Do it myself

- #3: Practice shoelace tying



- Wolves:

- ▽ Call Of the Wild:

- #5: Overhand

- Bears:
 - #5: Square Knots
 - ▽ **Bear Necessities**
 - #5: Demonstrate how to tie two half hitches and explain what the hitch is used for.
- Webelos/AOL:
 - ▽ **Outdoorsman:**
 - #4: Bowline
 - Also, when and why this knot is used
 - Teach another scout or parent this knot.
 - ▽ **Scouting Adventure:**
 - #5a: square knot
 - #5a: 2 half hitches
 - #5a: taut-line hitch
 - #5b: Whip and fuse ends of different kinds of rope

10:00am Baking Soda Volcano

- Tigers:
 - ▽ **Curiosity, Intrigue, and Magical Mysteries**
 - #5 - With the help of your parent, guardian, or other caring adult, conduct a science demonstration that shows how magic works and share what you learned from your science demonstration.
- Webelos/ AOL:
 - ▽ **Adventures in Science**
 - #3G With adult assistance, explore safe chemical reactions with household materials. Using two substances, observe what happens when the amounts of the reactants are increased
- ALL RANKS: **NOVA - Down & Dirty - #2B; #3**

11:15am Thinkasaurus Trivia (e-game)

- Wolves: Go To <https://audience.ahaslides.com/fe8e47dt92>
- ▽ **Digging in the Past #1** - Play a game that demonstrates your knowledge of dinosaurs, such as a dinosaur match game.



Reminder to mark off on advancement form and send in pics

11:45am

Lunch

Make your own food, but here are some great ideas for advancement for the scout to earn and help:



- **Lions:**

- ▽ **Fun on the Run:**

- **#2** Have Lions make a nutritious snack for the den or family.



- **Tigers:**

- ▽ **Tiger Bites:**

- **#1** With your parent, guardian, other caring adult, or den, find out about good food choices and not-so-good choices. Identify three foods that you think would be good choices and three foods that would not be good choices.
 - **#2** Explain the importance of hand washing before a meal and clean-up after a meal. Then show how you would do each.



- **Wolves:**

- ▽ **Germs Alive:**

- **#1** Wash your hands while singing the "Happy Birthday" song.



- **Bears:**

- ▽ **Bear Picnic Basket:**

- **#2** With a family member or den leader, prepare for cooking by explaining the importance of planning, tool selection, sanitation, and cooking safety.
 - **#3** Select and prepare two nutritious snacks for yourself, your family, or your den.

12:45pm

Earth Rocks (Geology)



- **Webelos/ AOL:**

- ▽ **Earth Rocks!**

- **#1** Do the following:
 - Explain the meaning of the word "geology."
 - Explain why this kind of science is an important part of your world.
 - **#2** - Look for different kinds of rocks or minerals while on a rock hunt with your family or your den. *(Will be done on the hike)*
 - **#3** - Do the following: a. Identify the rocks you see on your rock hunt. Use the information in your handbook to determine which types of rocks you

have collected.

- #4 Do the following:
- With your family or den, make a mineral test kit, and test rocks according to the Mohs scale of mineral hardness.
- Record the results in your handbook. (On page 325 of your handbook it tells you how to create a mineral test kit from home) [Collect a penny, a steel nail, a pocketknife, and a drill bit. You can also send for “strike plates” or use a piece of white porcelain tile to see what color line or “streak” the rock leaves behind. This is a clue to the mineral content of the rock.]



- ALL RANKS: **NOVA Uncovering the Past - #2A & #2B and #4;**

1:15pm

Castings of Tracks



- **Wolves:**

▽ Digging in the Past

- #3 - Complete one of the following: a. Make a fossil cast. b. Make a dinosaur dig. Be a paleontologist and dig through a dinosaur dig made by another member of your den. Show and explain the ways a paleontologist works carefully during a dig.

Snack time

Eat Your Dino Digs Pudding!

1:45pm

Be Prepared (Prepare for Hiking)



- **Lions:**

- ▽ **Mountain Lion Core #1** - Gather the outdoor items you need to have with you when you go on an outdoor adventure and understand how they are used. Also understand and commit to practicing the buddy system.



- **Tigers:**

▽ **Tigers in the Wild**

- **#1** name and collect the 6 essentials



• **Wolves:**

▽ **Paws on the Path**

- **#1**- Show you are prepared to hike safely in any outdoor setting by putting together the Cub Scout Six Essentials to take along on your hike.
- **#2** Tell what the buddy system is and why we always use it in Cub Scouting. Describe what you should do if you get separated from your group while hiking.
- **#3** Choose the appropriate clothing to wear on your hike based on the expected weather.
- **#4** Before hiking, recite the Outdoor Code and the Leave No Trace Principles for Kids with your leader. (This may be combined with Requirement 3 of The Call of the Wild Adventure.) After hiking, discuss how you showed respect for wildlife.

▽ **Call of Wild:**

- **#1** Attend one of the following:
 - A pack or family campout
 - An outdoor activity with your den or pack
 - Day camp
 - Resident camp
- **#2** With your family or den, make a list of possible weather changes that could happen during your outing according to the time of year you are outside. Tell how you will be prepared for each one.
- **#3** Do the following:
 - Recite the Outdoor Code with your leader.
 - Recite the Leave No Trace Principles for Kids with your leader. Talk about how these principles support the Outdoor Code.
 - After your outdoor activity or campout, list the ways you demonstrated being careful with fire or other dangers.
- **#4** Show or demonstrate what to do:
 - In case of a natural disaster such as an earthquake or flood.
 - To keep from spreading your germs.



• **Bears:**

▽ **Fur, Feathers, and Ferns**

- **#4** - Observe wildlife from a distance. Describe what you saw.



- **Webelos/AOL:**

- ▽ **Into the Wild**

- **#5** - Watch at least four wild creatures (reptiles, amphibians, arachnids, fish, insects, or mammals) in the wild. Describe the kind of place (forest, field, marsh, yard, or park) where you saw them. Tell what they were doing.

- ▽ **Castaway**

- **#2c:** Describe what to do if lost in woods.

- ALL RANKS: **NOVA Wild! #3**; see explanation on page 25

2:00pm Jurassic Expedition! (go for a Hike)



- **Lions:**

- ▽ **Lion's Honor**

- **# 5** Participate in an outing.



- **Tigers:**

- ▽ **My Tiger Jungle**

- **#1** - With your parent, guardian, or other caring adult, go for a walk outside, and pick out two or more sights or sounds of "nature" around you. Discuss with your partner or den.
 - **#2** - Take a 1-foot hike. Make a list of the living things you find on your 1-foot hike. Discuss these plants or animals with your parent, guardian, other caring adult, or with your den.
 - **#3** -Point out two different kinds of birds that live in your area. With your parent, guardian, or other caring adult, or with your den, find out more about one of these birds.



- **Wolves:**

- ▽ **Paws on the Path**

- **#6** - Name two birds, two insects, and/or two other animals that live in your area. Explain how you identified them.



- **Bears:**

- ▽ **Fur, Feathers, and Ferns:**

- **#2** - Visit one of the following: zoo, wildlife refuge, nature center, aviary, game preserve, local conservation area, wildlife rescue group, or fish hatchery. Describe what you learned during your visit.

- **#4** - Observe wildlife from a distance. Describe what you saw.
- **#5**: Use a magnifying glass, or camera phone, to examine plants more closely. Describe what you saw through the magnifying glass that you could not see without it.



- **Webelos/AOL:**

- ▽ **Earth Rocks:**

- **#2** - Look for different kinds of rocks or minerals while on a rock hunt with your family or your den.
 - **#3** Do the Following:
 - Identify the rocks you see on your rock hunt. Use the information in your handbook to determine which types of rocks you have collected.
 - With a magnifying glass or cell phone, take a closer look at your collection. Determine any differences between your specimens.
 - Share what you see with your family or den.

- ▽ **Into the Wild**

- **#5** - Watch at least four wild creatures (reptiles, amphibians, arachnids, fish, insects, or mammals) in the wild. Describe the kind of place (forest, field, marsh, yard, or park) where you saw them. Tell what they were doing.

- ▽ **Into the Woods**

- **#2**: Identify 4 trees common to your area
 - **#3**: Identify 4 plants common to your area.

- ALL RANKS: **NOVA Wild! #1, #3, #4;**

4:00pm

Welcome Back!

Reminder to mark off on advancement form and send in pics

4:15pm Primitive Dwellings (Campsite setup)



• Bear:

▽ Bear Necessities:

- **#1** While working on your Bear badge, attend one of the following: A daytime or overnight campout with your pack or family, An outdoor activity with your den or pack
- **#2:** Make a list of items you should take along on the activity selected in Requirement 1.
- **#3:** Make a list of equipment that the group should bring along in addition to each Scout's personal gear for the activity selected in Requirement 1.
- **#4:** Help set up a tent. Determine a good spot for the tent and explain to your den leader why you picked it.

4:30pm Supper

6:30pm Family Campfire

Thank you we hope you enjoyed your
Jurassic Adventure!

Reminder to mark off advancements and send in pics

Disclaimer:
If you have a NOVA
Advisor, please reach
out to them
regarding the
following NOVA
requirements that we
touched on in today's

Uncovering the Past

1. Read or watch anything related to archaeology (about an hour total); write and discuss 2 questions from what you read or watched with your counselor.
2. Complete 1 Adventure from the list (separated by rank) OR complete Option A or B (all together)
 - a. Option A: Preserve a hot dog with baking soda for 14 days, measuring dimensions and tracking changes.
DO NOT EAT THE HOT DOG
 - b. Options B: Make a plaster of paris rock mold and carve petroglyphs on it.
3. Explore: learn about what archaeology and archaeologists; discover the differences between physical remains, artifacts, and ecofacts; list 10 artifacts from your home.
4. Look through items in a trash can to learn about the people using it OR collect your own artifacts and place them in layers to show how you live.
5. Visit a place that has excavated items and talk to someone who works there about the displays. *Can be a virtual tour.
6. Discuss with your counselor what you have learned about archaeology.

Down & Dirty

1. Read or watch anything related to Earth, weather, geology, volcanoes, or oceanography (about an hour total); write and discuss 2 questions from what you read or watched with your counselor.
2. Complete 1 Adventure from the list (separated by rank) OR complete Option A or B (all together)
 - a. Option A: Collect mineral samples and discuss geology (similar to Webelos Earth Rocks).
 - b. Option B: Make a fossil cast and do a dinosaur dig.
3. Investigate Earth science: choose from building a volcano, collecting minerals in your state, making weather instrument & weather journaling, or visiting/learning about animal habitats.
4. Visit a place where Earth science is being done OR explore a career associated with Earth science.

Nova Wild!

1. Read or watch anything related to wildlife, ecosystems, etc. (about an hour total); write and discuss 2 questions from what you read or watched with your counselor.
2. Complete 1 Adventure from the list (separated by rank) OR complete Option A or B (all together)

- a. Option A: Make a water cycle poster and record weather.
 - b. Option B: Make a food chain poster and learn about endangered species and natural resources.
3. Explore wildlife: discuss wildlife & food chains, draw native plants or animals, discuss with your counselor.
4. Act like a naturalist: choose 2 from investigating endangered species, investigating invasive species, visiting an ecosystem near you, investigating one wild animal near you, investigating wild neighbors, or earning the Cub Scout World Conservation Award (each option includes a hands-on activity).
5. Visit a place to observe wildlife and talk to someone about ecosystems and the person's career path related to wildlife.
 6. Discuss why wildlife and biodiversity are important and the problems with invasive species and habitat destruction.

Just for Fun

Go to the last few pages of this guide and you will find a couple of Fun Activity games to do in your leisure time.

Here's another fun activity that's not covered in our prepared campout but thought you might enjoy it.

Follow the link below and see how to make your own fossils a little different way.

<https://www.elmers.com/blog/diy-dino-dig>

Supplies & Material List



= (Dino Dig)

- 1 Package Oreos
- 1/2 Stick Butter
- 1 Cup Powdered sugar
- 8oz Cream Cheese
- 2 Small Packages Instant chocolate pudding
- 3 1/2 Cups Milk
- 12oz Cool whip
- Gummy Dinosaurs

Crush the entire package of Oreo's and set aside.

In a separate small bowl, mix 1/2 stick butter, 1 cup powdered sugar, and 8 oz of cream cheese until smooth.

In a separate large bowl, mix 2 packages of instant chocolate pudding and 3 1/2 cups of milk together. Fold in 12 oz of Cool Whip. Mix.

Pour cream cheese mixture into the pudding mixture and mix together until well combined.

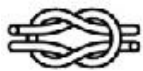
In individual cups of your choice, layer as follows:

Layer pudding mixture first,

Gummy worms next, and

Then crushed Oreo's

Repeat layering until gone.



= (TriceraKnots)

1 or 2 lengths of rope approximately 5' long each



= (Volcano)

1. White Vinegar
2. Cold Water
3. Dish Soap
4. Baking Soda

5. Food Color (Yellow, Orange, or Red)
6. Empty Plastic Bottle
7. Recycled items to build and decorate

Instructions:

1. Construct a volcano using recycled items. See videos for ideas.
 2. Clean and dry plastic bottle
 3. Add one tablespoons of water and two tablespoons of baking soda into a separate container.
 4. Add $\frac{1}{2}$ cup of cold water and $\frac{1}{4}$ teaspoon of dish soap to the empty plastic bottle and shake it up. Add two or three drops of food coloring to the mixture in the bottle.
 5. Add $\frac{1}{2}$ cup of vinegar to the empty bottle and mix.
 6. Moving the bottle to the sink or a place that is safe to perform the experiment, dump baking soda mixture into plastic bottle.
 7. Stand back and watch the magic.
-



= (Earth Rocks)

Simple Mohs tools -

Penny

Knife

Steel nail.



= (Castings of Tracks)

1 cup water (100 degrees)

2 cups flour

1 leaf or fern

empty yogurt cup or other shallow dish



= (Be Prepared and Jurassic Expedition)

Backpack

Small first aid kit

Water bottle

Flashlight

Trail food (mix)

Sun protection-sunscreen and hat

Whistle



= (Primitive Dwellings)

A full Cub Scout uniform is required for the overnigher. Sturdy shoes that are suitable for hiking will be useful. The following is a list of equipment that would be useful on the campout. Check off each item in pencil as you lay out your equipment pack.

Camping Equipment

- Tent or tarp, poles, and stakes
- Waterproof ground cloth or plastic sheet
- Sleeping bag, pillow, air mattress or pad
- Cup, bowl, plate, knife, fork, spoon, mesh bag
- Clothesline

Clothes Bag

- Cub Scout uniform
- Poncho or raincoat
- Warm jacket or coat
- Pajamas or sweatshirt, sweatpants
- Underwear
- Durable shoes, shoe laces
- Hat or cap
- Gloves
- Extra socks, shoes, other extra clothing

Family Gear

- Lawn chairs
- Cooler or ice chest
- Cot or pad
- Cooking equipment as outlined by pack overnigher coordinator

Toilet Kit

- Toothpaste, toothbrush, comb
- Washcloth, towel
- Soap in container
- Toilet paper
- Extra plastic bag or container

First Aid

- First aid kit
- Water bottle
- Flashlight, bulb, batteries
- Sunscreen
- Insect repellent
- Whistle
- Safety pins

Extras

- Camera
- Binoculars
- Sunglasses
- Notebook and pencil
- Nature books

Program Options

- Swimsuit, towel
- Fishing gear
- Work gloves



= [Dinner 1]

Level: Easy to make

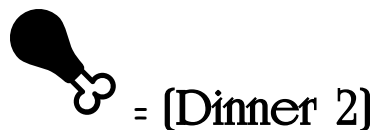
Materials:

1. Dino nuggets (or other chicken nugget/tenders)
2. Any type of fries (video used Steak Fries)
3. Block of cheese (any type)
4. Box of spaghetti noodles
5. Small grape tomatoes or olives
6. One large orange (must be able to keep peel intact)
7. Fruit medley to fill orange
8. Lettuce of choice
9. Ketchup

Any items can be substituted for other options, but this recipe follows the video

Instructions:

1. Preheat the oven to the temperature indicated on the package.
2. Once preheated, cook nuggets and fries.
3. While nuggets and fries cook, it is time to start the stegosaurus egg. Cut orange in half, straight across or jagged, and hollow it out. To help the peel stand up, cut the tip of the peel off to create a level surface on the bottom.
4. Fill it with fruit medley and set off to the side.
5. Take the block of cheese and cut a half inch thick piece, and cut as many slices for each of your nuggets.
6. When nuggets and fries are done, take spaghetti noodles and break them into pieces.
7. Stab noodle into nugget along with cheese. Make them a variety of heights. See video for more details.
8. Build a volcano out of fries. See video for more details.
9. Lettuce will be used as a bed for the stegosaurus egg. See video for details.



Level: More Challenging

Materials:

Meatloaf

1. 3 pounds of ground beef (meat can be substituted)
2. Half of small onion
3. 3 eggs
4. $\frac{1}{4}$ Cup of shredded cheese
5. One cup of crushed saltine crackers (can use oatmeal, breadcrumbs, or cornflakes)
6. One tablespoon of BBQ sauce
7. $\frac{1}{4}$ cup of ketchup
8. Seasoning Salt
9. Pepper
10. Aluminum Foil

Mashed Potatoes

1. Can use already made, instant, or made from scratch mashed potatoes.
2. The video uses microwaveable mashed potatoes.
3. Will need a can or jar of beef gravy.

Vegetable Sides

1. Lettuce mix
2. Any type of bell pepper
3. Small head of red cabbage
4. Bag of carrots (not baby)
5. One zucchini
6. 2 Avocados

Fruit Side

1. Small Cantaloupe
2. Fruit medley

Lava Cake

1. Boxed brownie mix
2. Everything needed to make boxed brownie mix
3. Chocolate Syrup
4. Ice Cream of choice (video shows vanilla)

Any items can be substituted for other options, but this recipe follows the video

Instructions:

1. Preheat the oven to boxed brownie mix directions.
2. Make brownie mix per instructions on the box.
3. While brownies are in the oven, Make meatloaf.
4. Mix all ingredients into a bowl until well combined. After that, for egg shaped with meatloaf. Cover with aluminum foil When brownies are done, take them out to cool and put meatloaf into the oven. Oven should be set to 350 degrees and should cook for at least 20 minutes. If after 20 minutes, you feel as if it needs to be in longer, leave it in for 5-10 minutes.
5. While the meatloaf is cooking, cut the cantaloupe in half and deseed the center. Scoop out the mellon so that the core is left to put the medley in. See video for more detail.
6. Make "trees" out of vegetables. See video for details.
7. Plate as video shows.
8. Build brownie volcano for dessert. See video for details.



= (Family Campfire)

Fire Building supplies-

Fire ring or other safe place

Tinder

Kindling

Firewood

Matches (to be used by a responsible adult)

Garden hose, bucket of water, or bucket of sand (Make sure to put the fire completely out before you go to bed!)

Chairs

Smore supplies

Graham crackers

Marshmallows

Chocolate bars or peanut butter cups

Marshmallow roasting stick

DINO Matching Cards



Instructions: Cut out each of the cards and write the word "DINO" on the blank side. Use these cards and the cards on page 26 to match the picture of the dinosaur with the informational card with the matching dinosaur.

Ankylosaurus

Size: 20-26 feet long

Food: Herbivore

Period: Late Cretaceous

Fun Fact:

- Known for its spikes on its back which protected them from predators

Brachiosaurus

Size: 85 feet long

Food: Herbivore

Period: Late Jurassic

Fun Fact:

- This dinosaur would eat 440-880 pounds of plants a day!

Iguanodon

Size: 33 feet long

Food: Herbivore

Period: Early Cretaceous

Fun Fact:

- The meaning of its name is "iguana tooth"

Diplodocus

Size: 79 feet long

Food: Herbivore

Period: Late Jurassic

Fun Fact:

- Known for its very long, whip-like tail

Hadrosaurus

Size: 25 feet long

Food: Herbivore

Period: Cretaceous

Fun Fact:

- Had a duck-bill like beak and would use it to rip plants

Pteranodon

Size: 18 feet long wingspan

Food: Carnivore

Period: Cretaceous

Fun Fact:

- Known as the flying reptile of the dinosaurs

Triceratops

Size: 26-30 feet long

Food: Herbivore

Period: Late Cretaceous

Fun Fact:

- Has three horns on its face which is where it got its name

Stegosaurus

Size: 30 feet long

Food: Herbivore

Period: Late Jurassic

Fun Fact:

- Their fossils have been found in North America!

DINO Matching Cards



Instructions: Cut out each of the cards and write the word "DINO" on the blank side. Use these cards and the cards on page 27 to match the picture of the dinosaur with the informational card with the matching dinosaur.



Ankylosaurus
(āng'kə-lō-sōr'əs)



Brachiosaurus
(brā'kē-ə-sōr'əs)



Iguanodon
(i-GWAH-nə-don)



Diplodocus
(di-plod·o·cus·es)



Hadrosaurus
(hād`rô`sə`rūs)



Pteranodon
(tə-'ra-nə-, dān)



Triceratops
(traɪ'serə,tɒps)



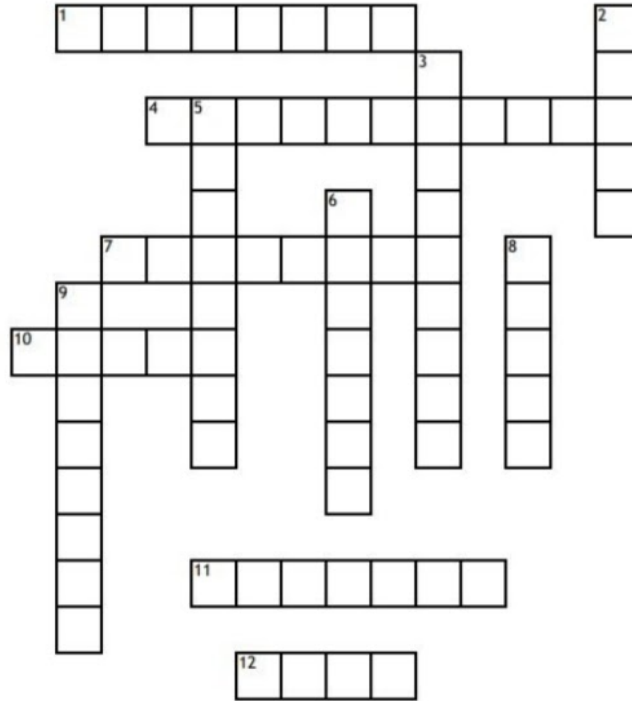
Stegosaurus
(ste-gə-'sōr-əs)

SCOUT ACTIVITIES



Learn the Scout Law

Scout Law



Across

1. NOTICEABLY HAPPY & OPTIMISTIC
4. ABLE TO BE RELIED ON AS HONEST OR TRUTHFUL
7. COMPLYING OR WILLING TO COMPLY WITH ORDERS OR REQUESTS
10. READY TO FACE & ENDURE DANGER OR PAIN; SHOWING COURAGE
11. USING MONEY & OTHER RESOURCES CAREFULLY AND NOT WASTEFULLY
12. HAVING OR SHOWING A FRIENDLY, GENEROUS, AND CONSIDERATE NATURE

Down

2. GIVING OR SHOWING FIRM & CONSTANT SUPPORT OR ALLEGIANCE TO A PERSON OR INSTITUTION
3. POLITE, RESPECTFUL, OR CONSIDERATE IN MANNER
5. FEELING OR SHOWING DEEP AND SOLEMN RESPECT
6. GIVING OR READY TO GIVE HELP
8. FREE FROM DIRT, MARKS, OR STAINS
9. KIND AND PLEASANT

Answers:
1. Cheerful
2. Helpful
3. Courteous
4. Trustworthy
5. Reverent
6. Helpful
7. Obedient
8. Clean
9. Friendly
10. Brave
11. Thrifty
12. Kind

What is your favorite point of the Scout Law?

What point of the Scout Law do you want to work on this summer?
