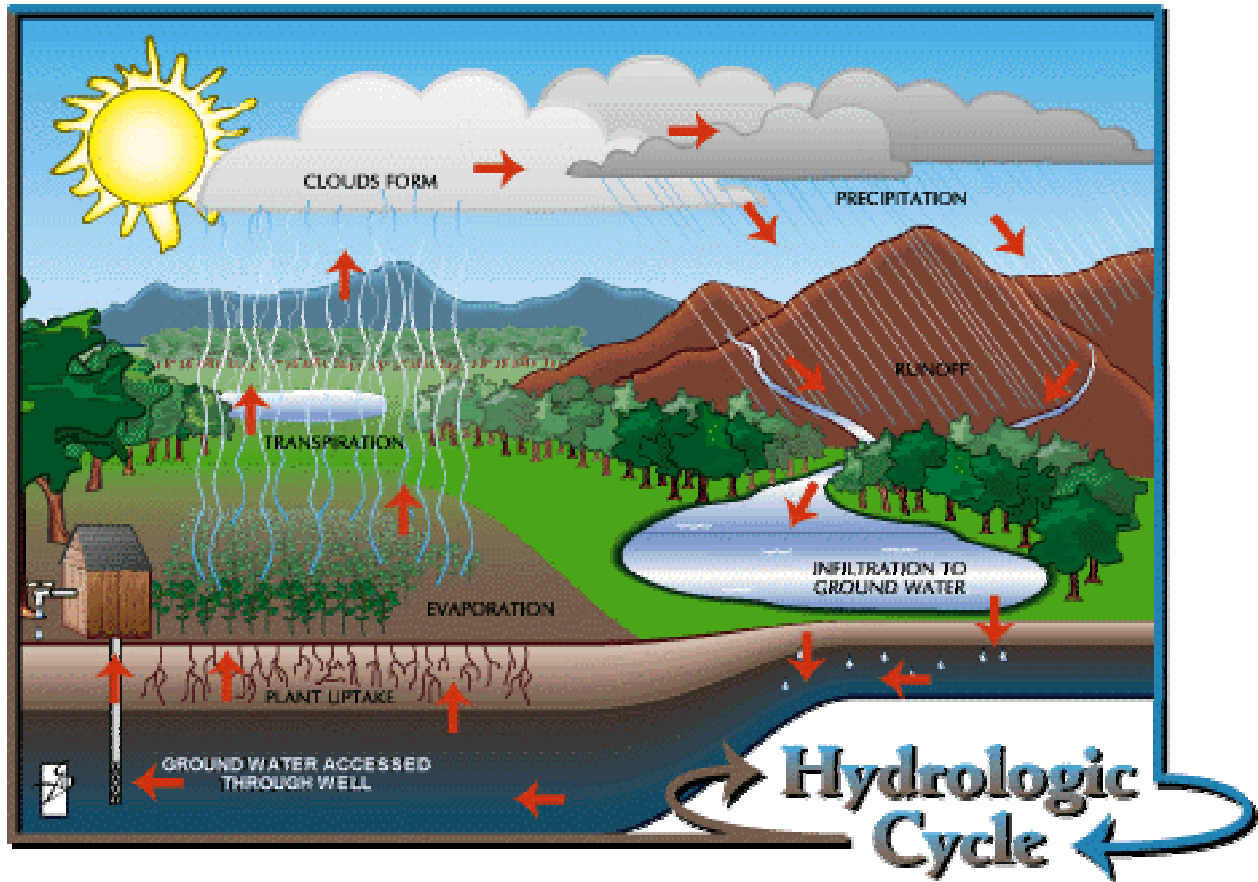


The Incredible Journey

Simulate the movement of water through Earth's systems

A Project WET Activity – page 161

The activity can be downloaded as a sample activity from the Project WET Curriculum and Activity Guide at www.projectwet.org



Attached you will find pictures for the dice that go along with the Incredible Journey activity.

In this activity students will:

- Describe the movement of water within the water cycle
- Identify the state of water as it moves through the water cycle

The Incredible Journey & Blue Traveler - Project WET

BEAD Extension to activity:

Activity: "Incredible Journey" And Blue Traveler

Have students create a water cycle bracelet. As students move through the water cycle, ask them to label their journey maps in the order in which they move from station to station. For example, if they roll the die and rain into the "ocean," have students record #1 by the ocean; #2 by the second station they roll, and so forth.

After they have played the game and disclosed their conclusions about the water cycle, have them create a Water Cycle Bracelet. Make available lengths of twine on which beads may be strung. Purchase beads in colors that relate to the cycle: brown for ground water; blue for the ocean, white for the glacier, and so forth. Using their maps, students will string the appropriate colored beads on their bracelets relative to the order of stations they visited.

Have students wear the bracelets and, as they point to each bead, tell the story of the water molecule as it moves through the water cycle.

(Submitted by Sue McWilliams, Project WET Oregon Coordinator)

Assign each station a color of a bead. Pony beads work the best as they have larger openings for stringing them.

You may select any color beads that you have available.

BLUE TRAVELER ADDITION OF OPAQUE or TRANSPARENT BEADS

When I used the Blue Traveler activity I used transparent beads for the constructed cycle. So, when you do the activity you can have everyone look at their bracelets and see very quickly how many times humans interact with - and impact - the water cycle.

Nancy Brown – Elkhart County Soil and Water Conservation District - Indiana

This works with any age group.

- 1) You may put the beads at each station and instead of writing down where you have gone on your journey you may just take a bead and string on leather, twine - use string to record your journey. Works well with younger kids who can't write yet.
- 2) You may string beads after your journey using a color chart. Or you can string during your journey in addition to writing down the stations visited.

- 3) Beads may be strung into a bracelet, ankle bracelet, and necklace or even into a dream catcher.
- 4) A supply source for beads that I have used is Boleks in Ohio. Currently their beads are \$2.50 per 1000 beads and you can order them by color. They also carry leather and other suitable items for stringing the beads. (Yarn frays to quickly)

Bolek's Craft Supply Inc.
330 N. Tuscarawas Ave
Dover, Ohio 44622-04665
Phone # 800-743-2723
Fax# 800-649-3735

- 5) Be sure to check the National Project WET home page for additional extensions and ideas on activities at <http://www.montana.edu/wwwet> or www.projectwet.org

Susan M. Schultz /IN Project WET – 317-562-0788 --4/01



THE INCREDIBLE JOURNEY

Where will the water you drink today be tomorrow?

Clouds
(white)

River
(light blue)

Animals
(red)

Lake
(royal blue)

Glacier
(clear)

Plants
(green)

Soil
(brown)

Ocean
(speckled blue)

Groundwater
(orange)

Predict where you think you will go when you roll the dice/or spinner.

1. _____
(start)
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

You are going to become a water molecule moving through the water cycle.

- 1) Make your predictions first - select from the choices at the right.
- 2) Then do the actual journey.
- 3) Chart your journey using a X for your starting point and then draw a line to each place you went.

Record your actual JOURNEY!

1. _____
(start)
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____



Lake



Lake

Incredible Journey DICE Pictures

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **four** 4x4 square panels for the dice (2 copies).

Indiana Project WET
August 1999

317-562-0788
projectwet@dnr.state.in.us

LAKE dice side pictures are:

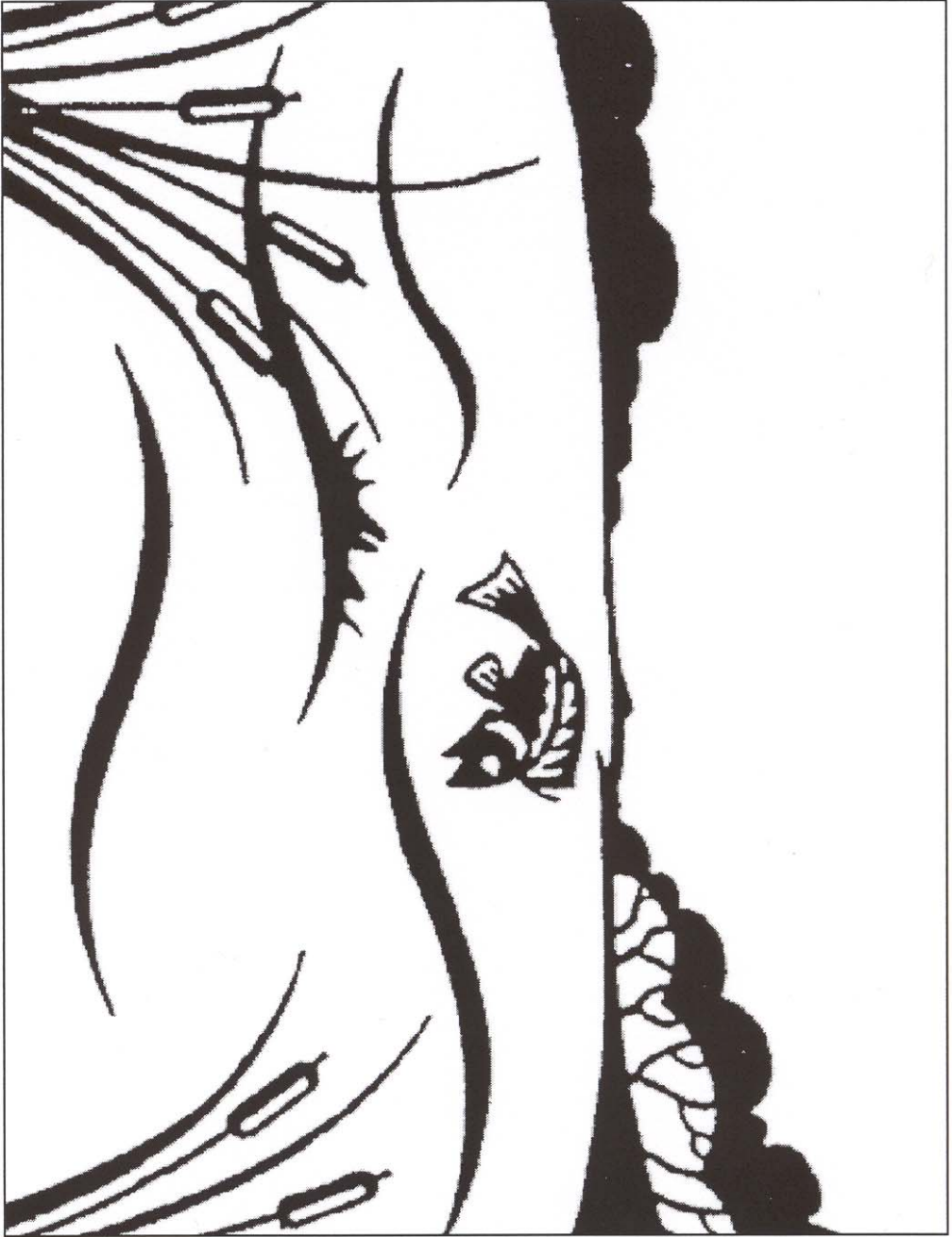
1 side ground water
1 side animal
1 side river
1 side clouds
2 sides stay

*** Pictures will fit a 4x4x4 inch or larger box.

*** Cover box with clear contact or clear wide shipping tape.

Mark LAKE in one corner of dice.

Lake





Ocean



Ocean

Incredible Journey DICE Pictures

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **three** 4x4 square panels for the dice (2 copies).

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August 1999

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projectwet@dnr.state.in.us

OCEAN dice side pictures are:

2 sides clouds
4 sides stay

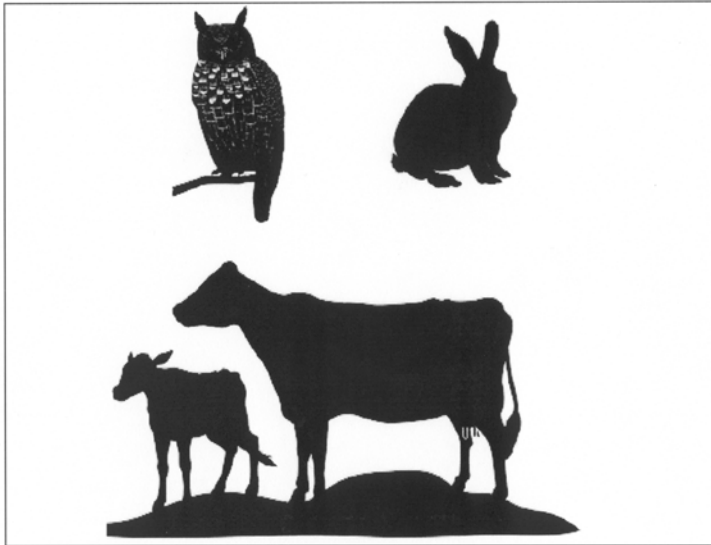
*** Pictures will fit a 4x4x4 inch or larger box.

*** Cover box with clear contact or clear wide shipping tape.

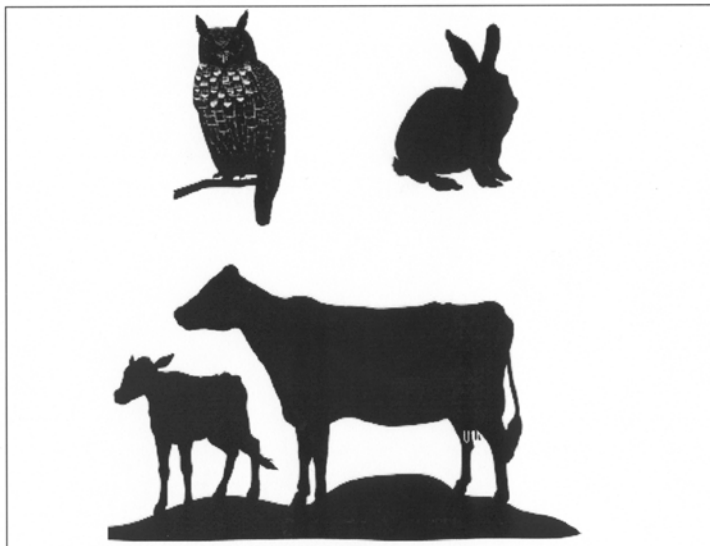
Mark OCEAN in one corner of dice.



Ocean



Animal



Animal

**Incredible Journey
DICE Pictures**

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **two** 4x4 square panels for the dice (2 copy).

Indiana Project WET
August 1999

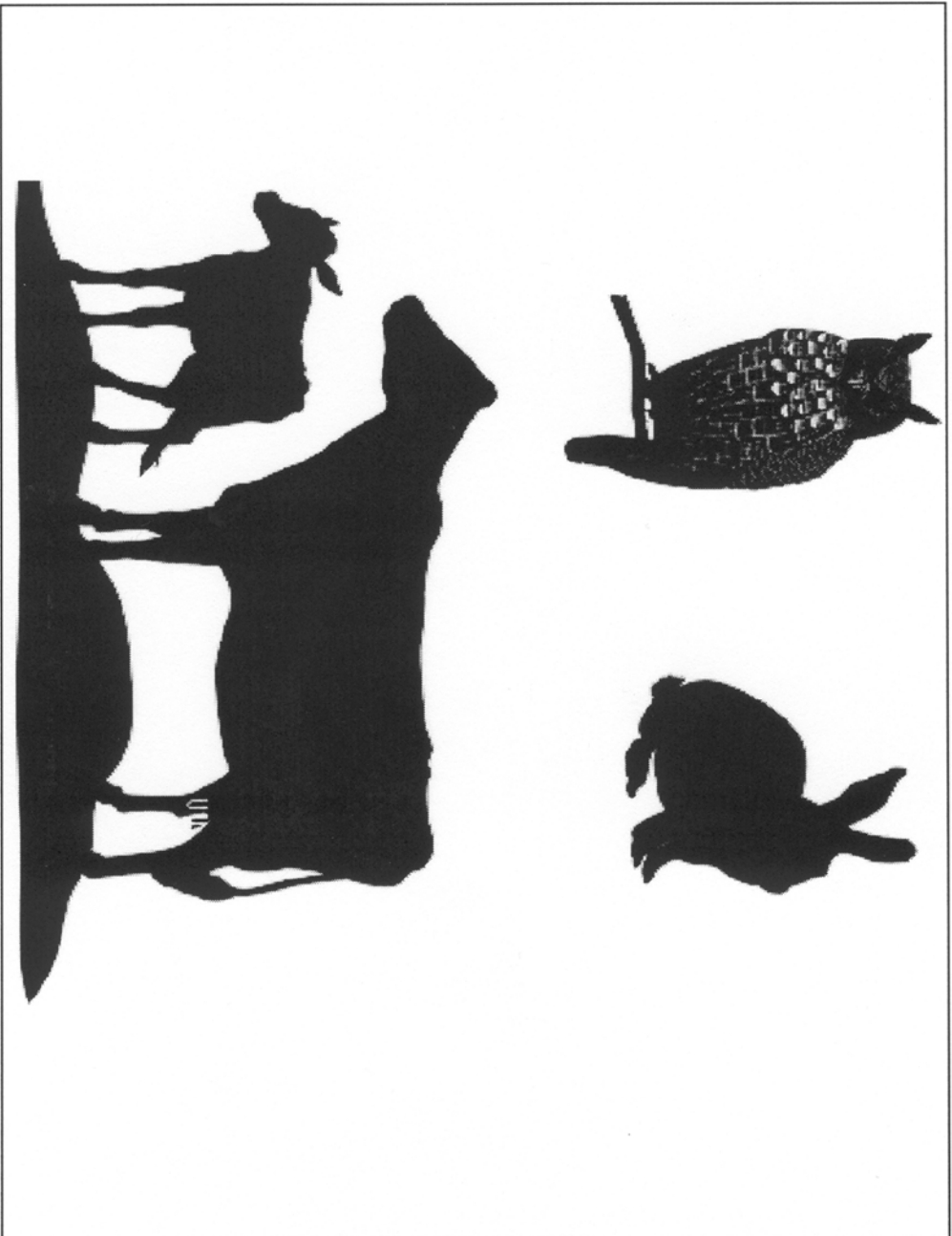
317-562-0788
projectwet@dnr.state.in.us

ANIMAL dice side pictures are:

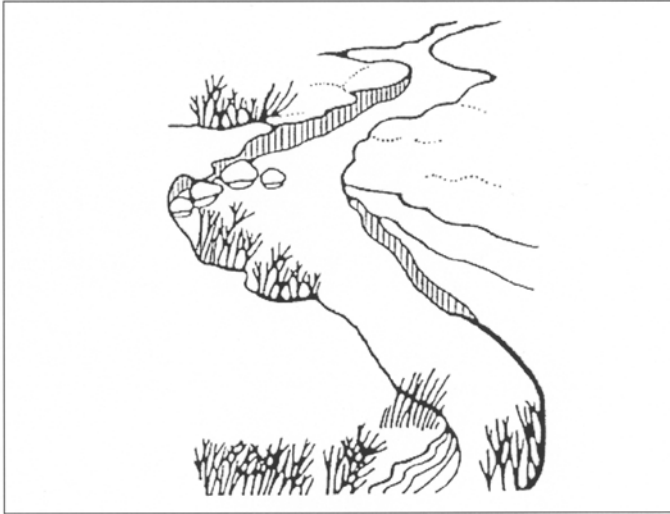
2 sides soil
3 sides clouds
1 side stay

*** Pictures will fit a 4x4x4 inch or larger box.
*** Cover box with clear contact or clear wide shipping tape.

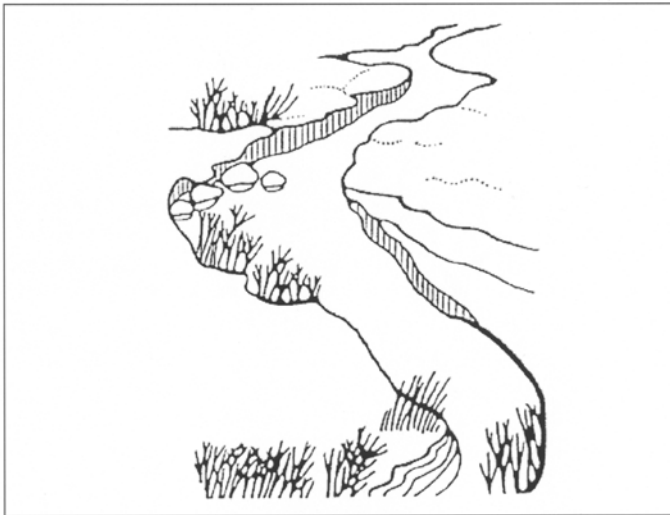
Mark ANIMAL in one corner of dice.



Animal



River



River

**Incredible Journey
DICE Pictures**

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **four** 4x4 square panels for the dice (2 copies).

Indiana Project WET
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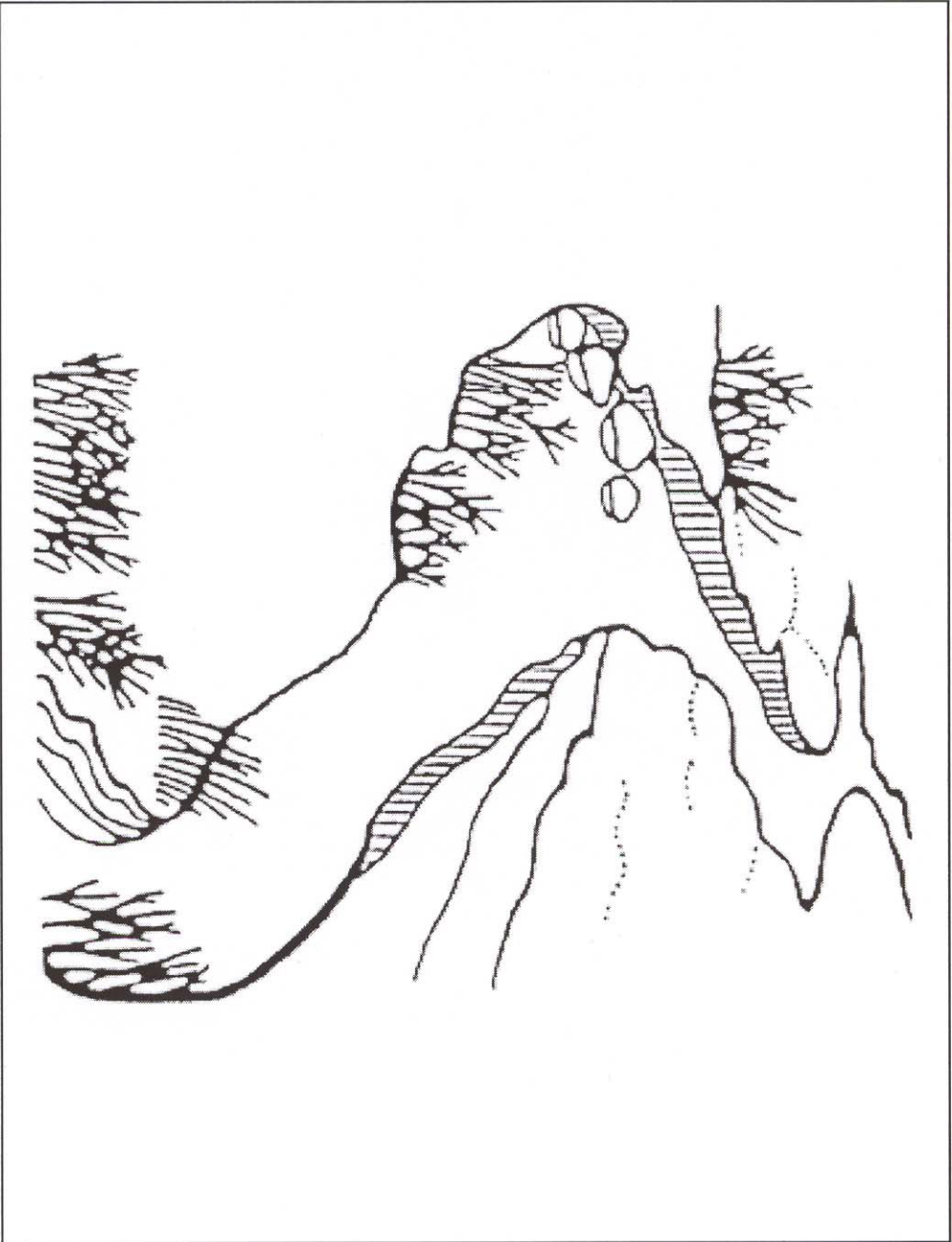
317-562-0788
projectwet@dnr.state.in.us

RIVER dice side pictures are:

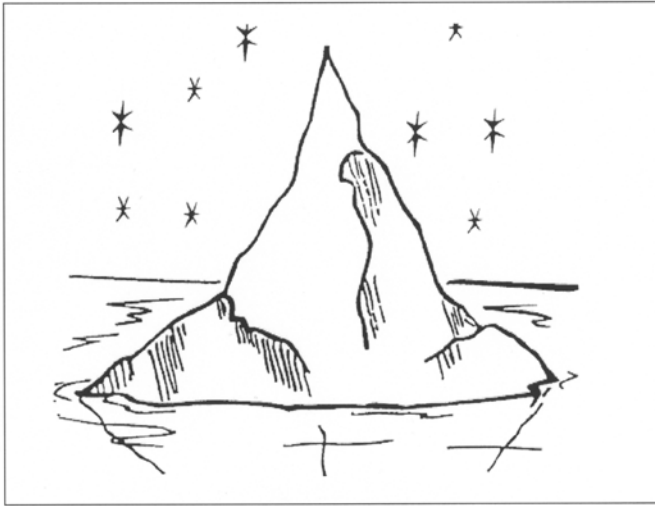
- 1 side lake
- 1 side ground water
- 1 side ocean
- 1 side animal
- 1 side cloud
- 1 side stay

*** Pictures will fit a 4x4x4 inch or larger box.
*** Cover box with clear contact or clear wide shipping tape.

Mark RIVER in one corner of dice.



River



Glacier

**Incredible Journey
DICE Pictures**

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **one** 4x4 square panel for the dice (1 copy).

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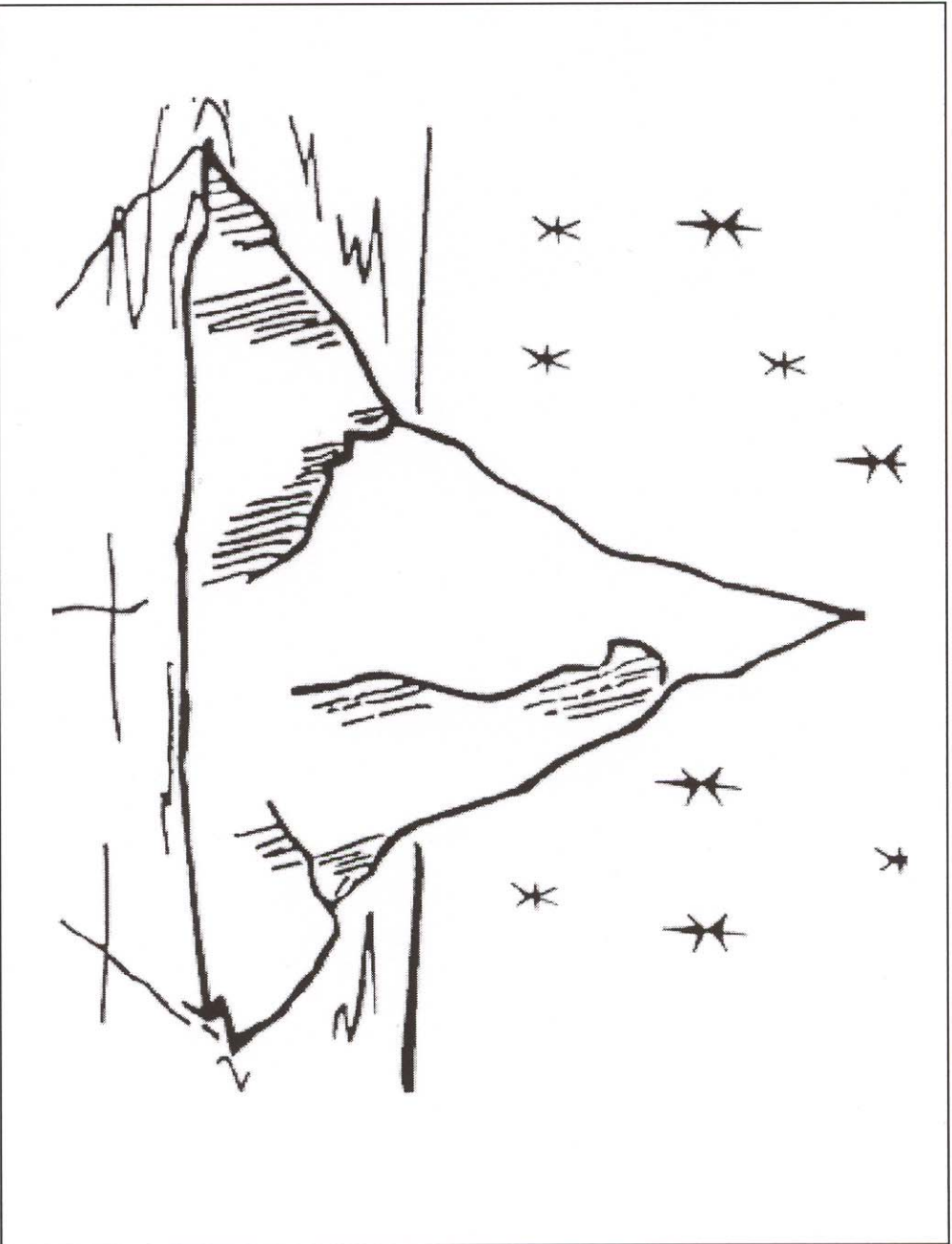
317-562-0788
projectwet@dnr.state.in.us

GLACIER dice side pictures are:

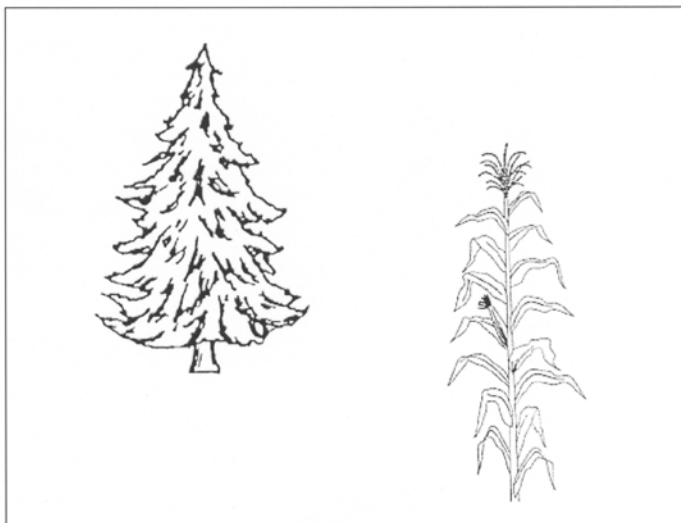
1 side ground water
1 side clouds
1 side river
3 sides stay

*** Pictures will fit a 4x4x4 inch or larger box.
*** Cover box with clear contact or clear wide shipping tape.

Mark GLACIER in one corner of dice.



Glacier



Plant

**Incredible Journey
DICE Pictures**

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **one** 4x4 square panel for the dice (1 copy).

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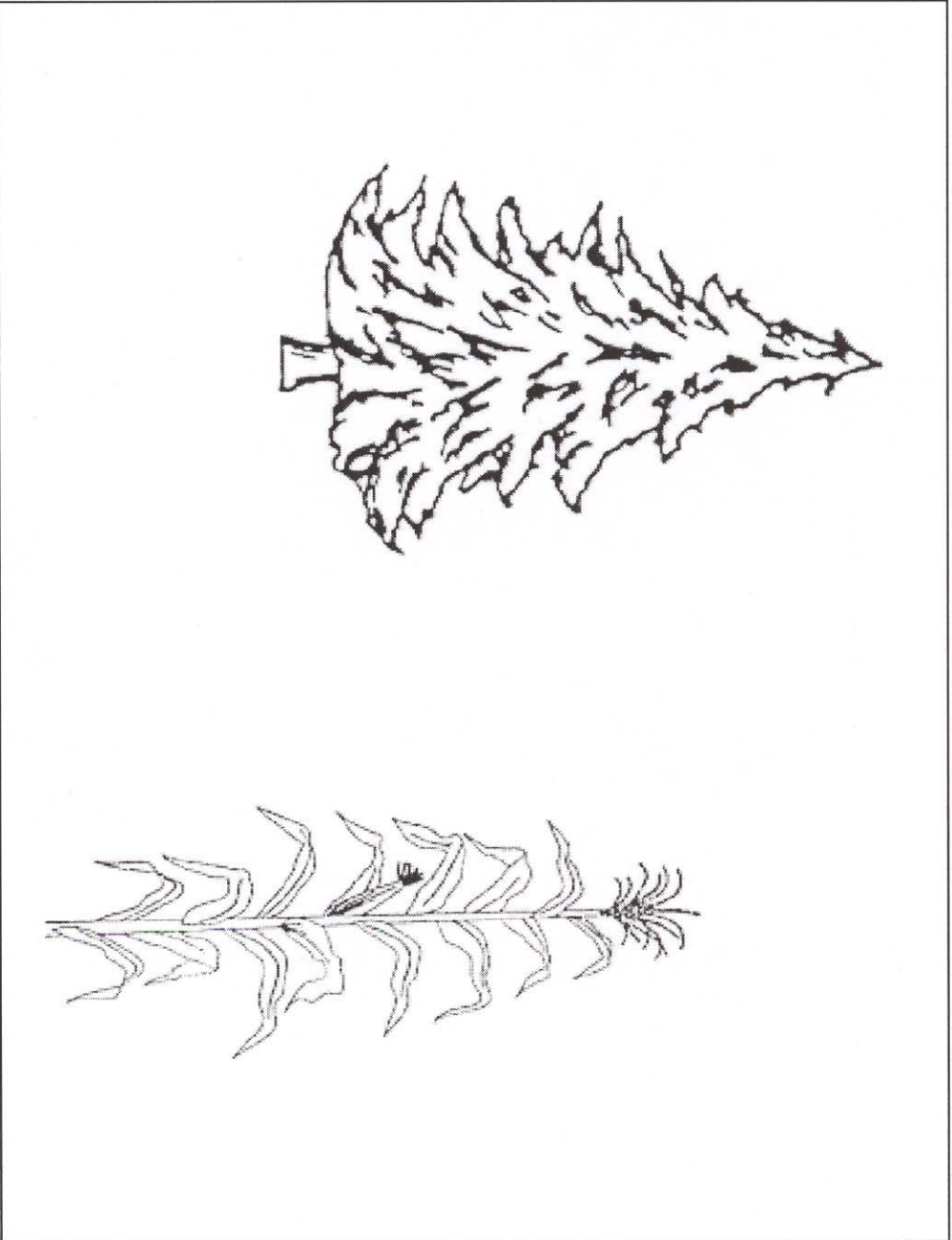
317-562-0788
projectwet@dnr.state.in.us

PLANT dice side pictures are:

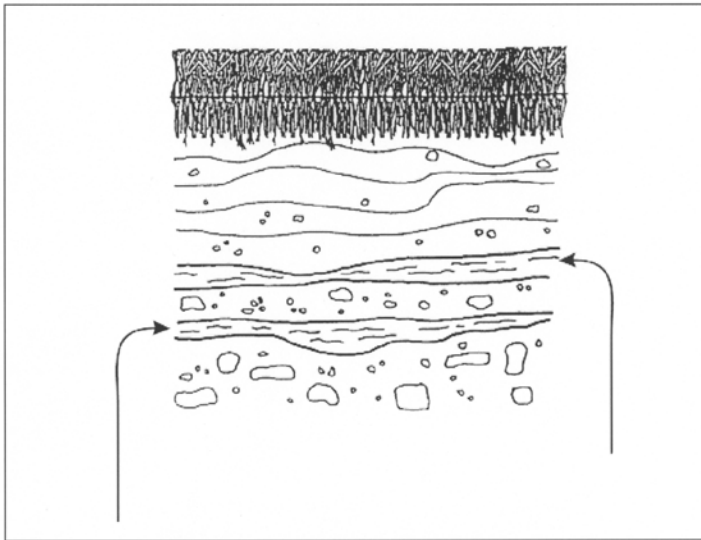
4 sides clouds
2 sides stay

*** Pictures will fit a 4x4x4 inch or larger box.
*** Cover box with clear contact or clear wide shipping tape.

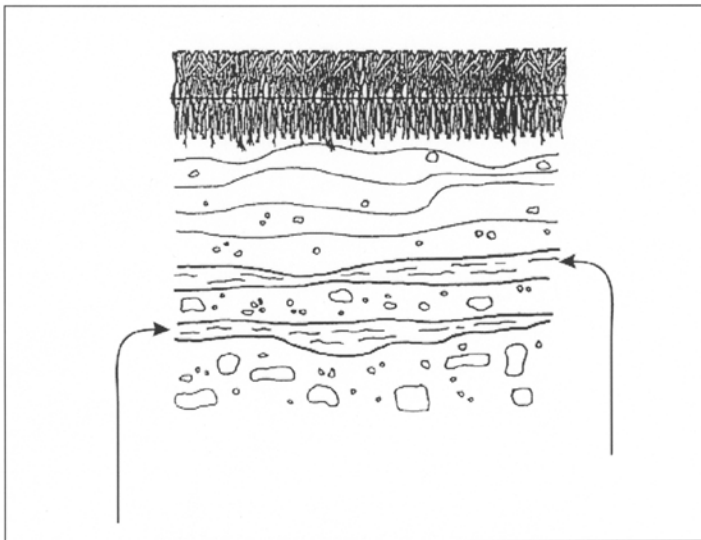
Mark PLANT in one corner of dice.



Plant



Ground Water



Ground Water

**Incredible Journey
DICE Pictures**

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **four** 4x4 square panels for the dice (2 copies).

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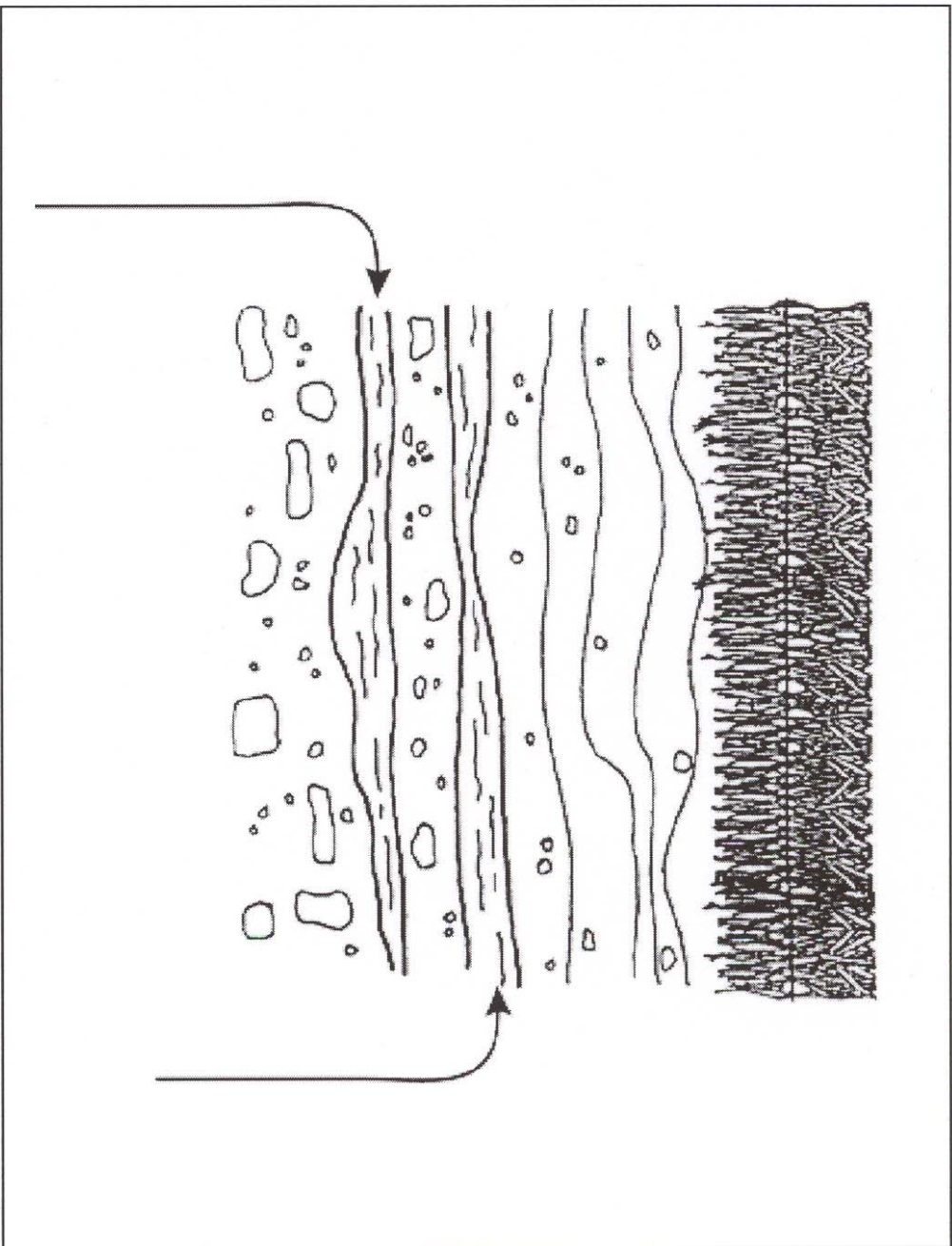
317-562-0788
projectwet@dnr.state.in.us

GROUND WATER dice side pictures are:

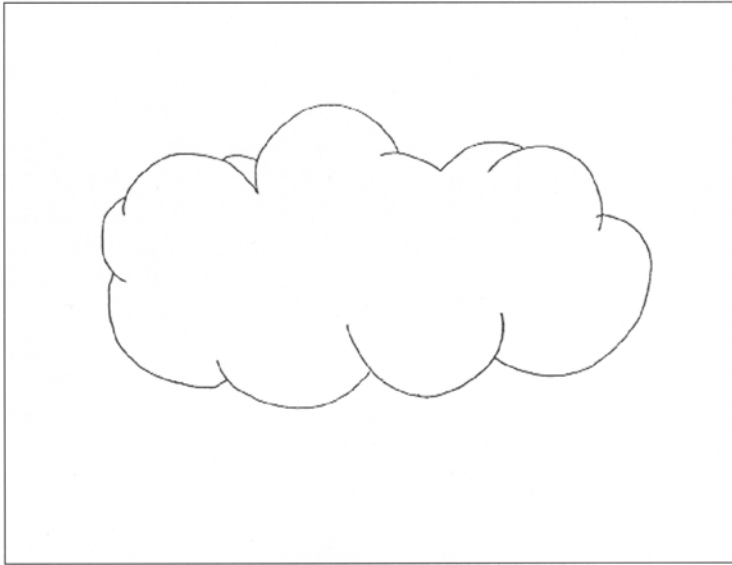
1 side river
2 sides lake
3 sides stay

*** Pictures will fit a 4x4x4 inch or larger box.
*** Cover box with clear contact or clear wide shipping tape.

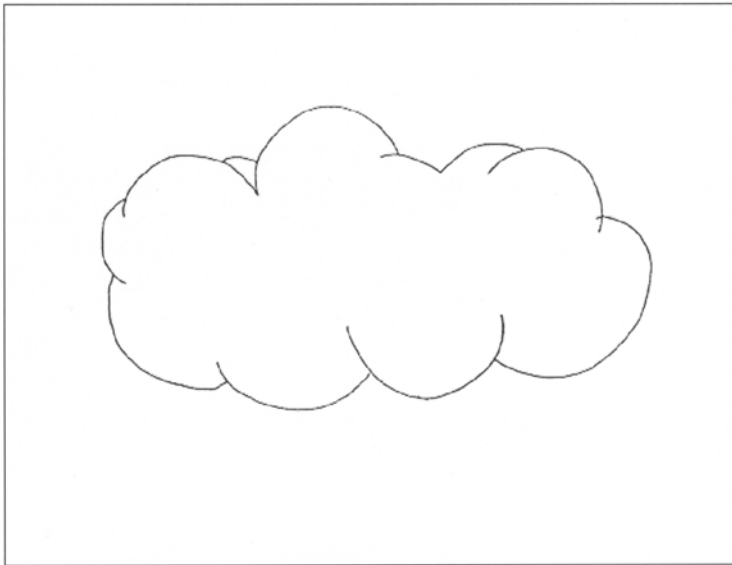
Mark GROUND WATER in one corner of dice.



Ground Water



Clouds



Clouds

**Incredible Journey
DICE Pictures**

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **14** 4x4 square panels for the dice (7 copies).

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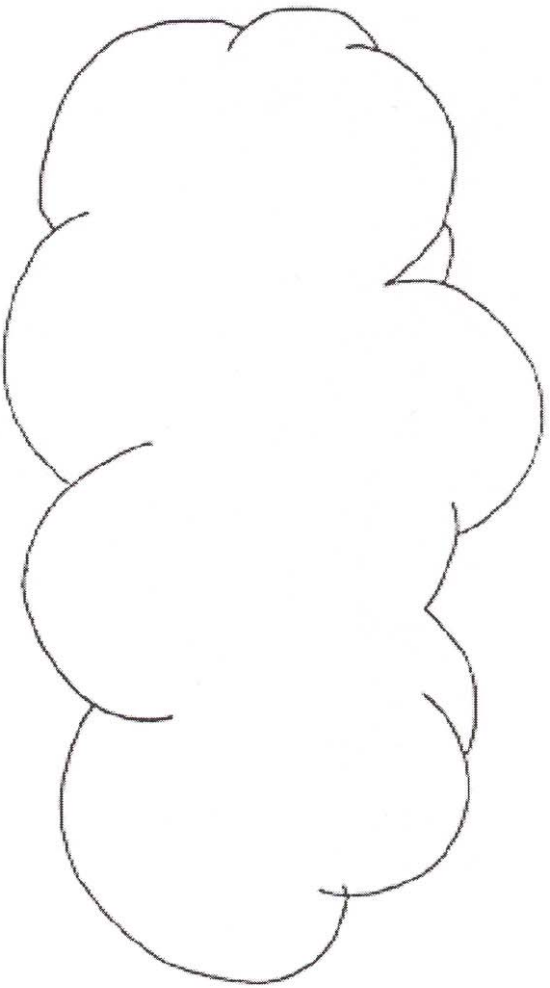
317-562-0788
projectwet@dnr.state.in.us

CLOUDS dice side pictures are:

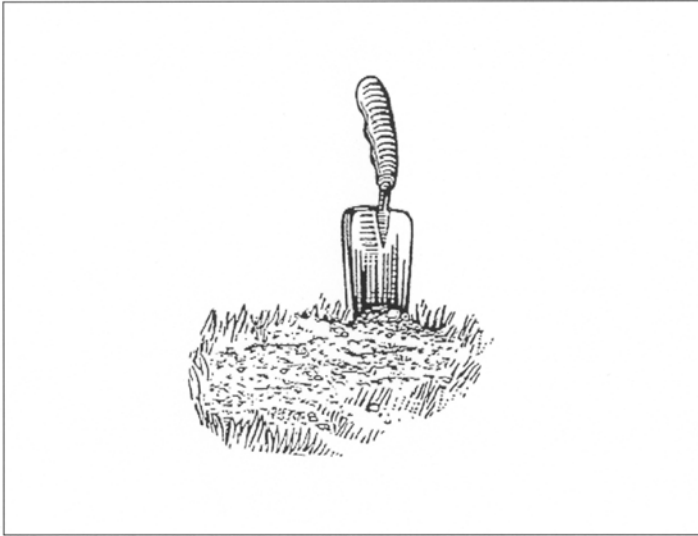
1 side soil
1 side glacier
1 side lake
2 sides ocean
1 side stay

*** Pictures will fit a 4x4x4 inch or larger box.
*** Cover box with clear contact or clear wide shipping tape.

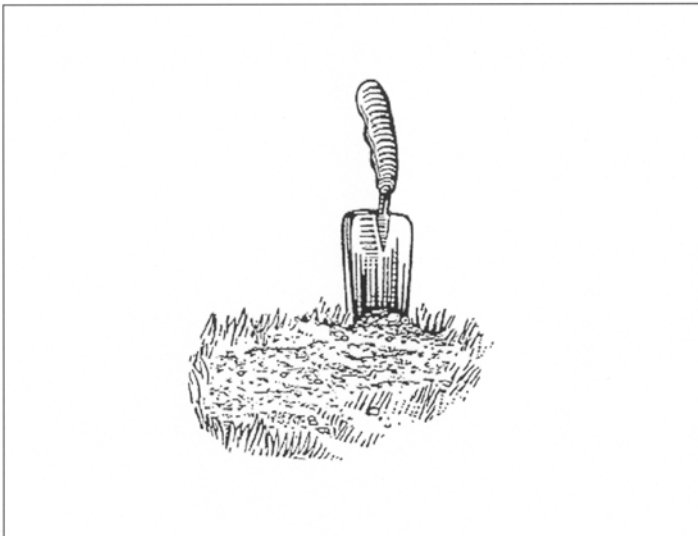
Mark CLOUDS in one corner of dice.



Clouds



Soil



Soil

**Incredible Journey
DICE Pictures**

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **three** 4x4 square panels for the dice (2 copies).

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August 1999

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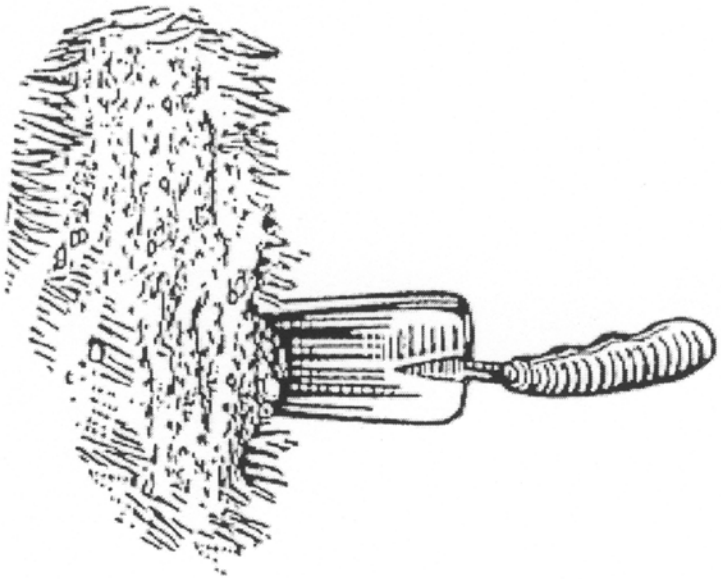
SOIL dice side pictures are:

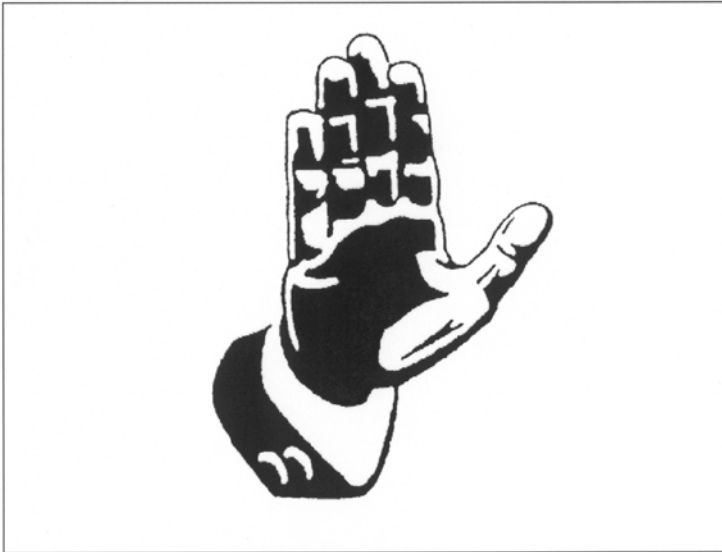
- 1 side plant
- 1 side river
- 1 side ground water
- 2 sides clouds
- 1 side stay

- *** Pictures will fit a 4x4x4 inch or larger box.
- *** Cover box with clear contact or clear wide shipping tape.

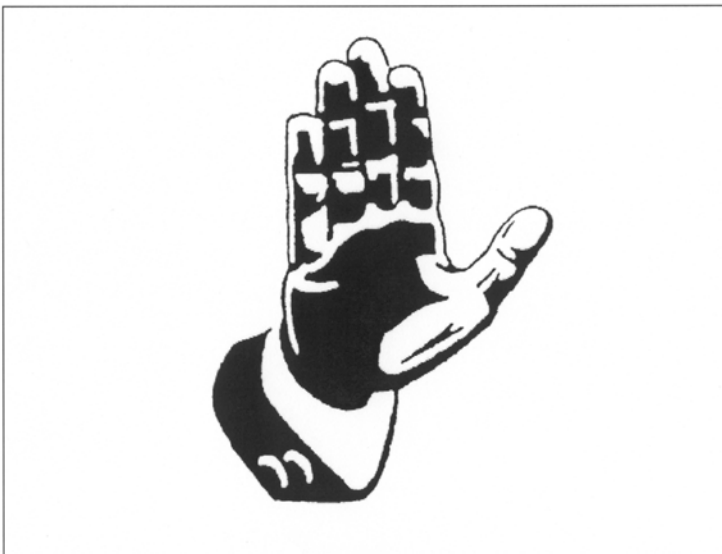
Mark SOIL in one corner of dice.

Soil





STAY



STAY

Incredible Journey DICE Pictures

Use a different color of paper for each set of PICTURES (or you may color each picture).

Example:

soil – tan paper;
plants – green paper;
and etc...

This picture needs a total of **18** 4x4 square panels for the dice (9 copies).

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STAY goes on the dice as stated on the previous pages.

*** Pictures will fit a 4x4x4 inch or larger box.

*** Cover box with clear contact or clear wide shipping tape.



STAY