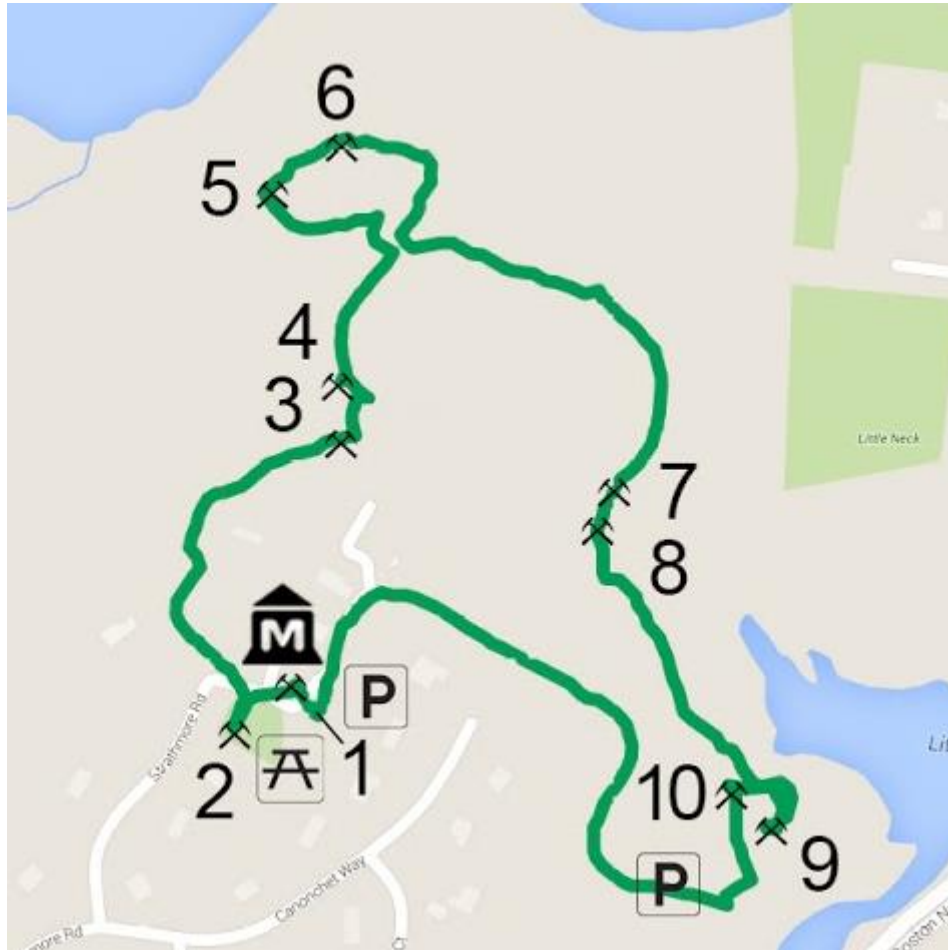


Activities Related To The Canonchet Farm Geology Trail



The start and finish for the trail is the South County Museum, 115 Strathmore Street, Narragansett, R.I.

Name: _____

**Canonchet Farm
Word Box**

Erratics

Quartz

Sandstone

Muscovite

Striations

Marble

Stone walls

Igneous

Sheep back

Granite

1. The second most abundant mineral on earth is _____. and it can be characterized by its crystal like structure.
2. A shiny, flaky mineral found within rocks such as granite or gneiss is called _____. It also has many commercial applications.
3. _____ is a grainy igneous rock that can be used for countertops.
4. Rocks that differ in size and type that are not native to the area are _____. Glaciers leave behind these rocks.
5. _____ rocks are one of the three main rock types; the others being sedimentary and metamorphic. These rocks are formed from cooled magma or lava.
6. Glacial _____ are scratches or gouges cut into bedrock by glacial abrasion.
7. Farmers used _____ to separate boundaries between each others properties.
8. A sedimentary rock composed mostly of sand and other small-sized grains is called _____.
9. Formed from metamorphosed limestone. _____ is used for sculptures and buildings.
10. When a glacier passes over a rock it can form a _____ or roche moutonnee. As the glacier passes over the rock, it plucks one side leaving a rough edge.

NAME: _____ DATE: _____

Canonchet Farm Word Find

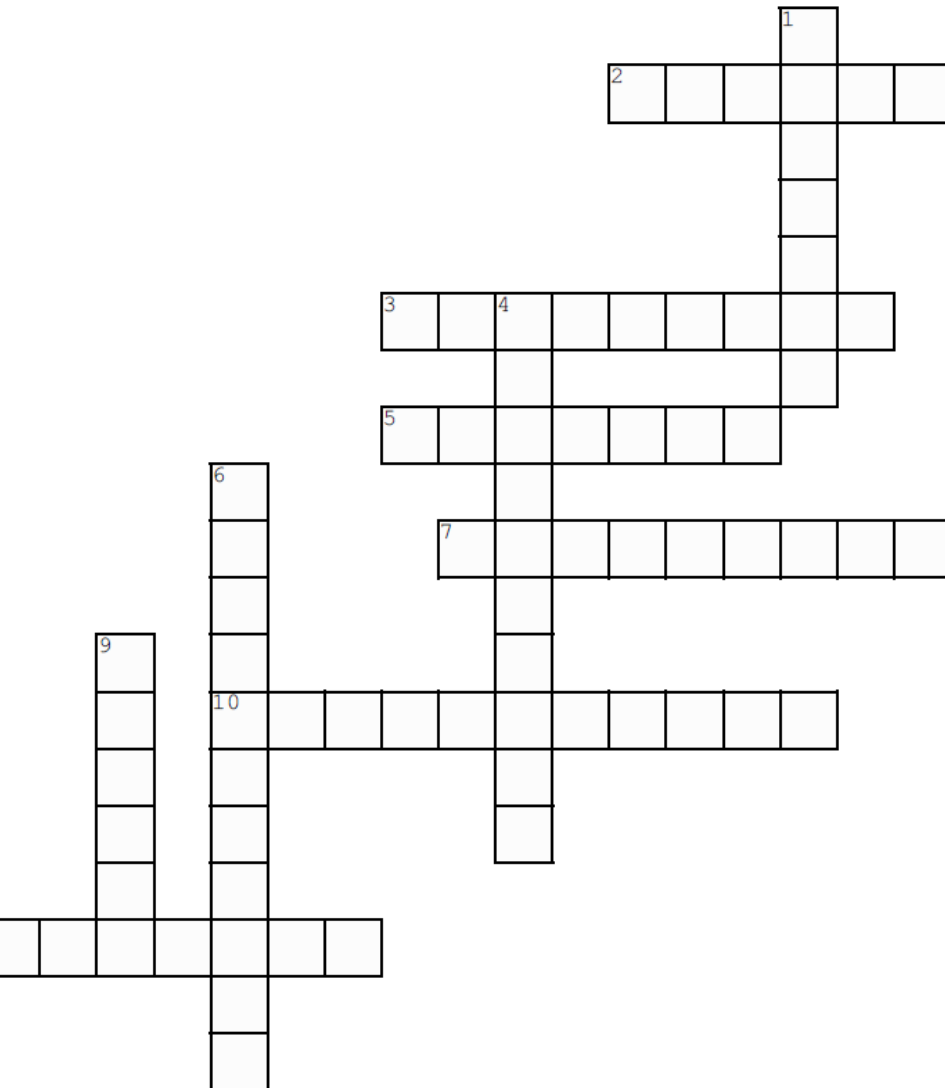
K M H M P F X M R Q F S M P Y
H O A D V Q L W D S Q X P V X
M X E S T O N E W A L L W S D
U H T U V S N O I T A I R T S
S X I O D E U W D W C V V L T
C W N E F D X F K A H X C B U
O N A N X I Q U A R T Z I K D
V L R G M M M S G W K I T M I
I T G I U E S A N D S T O N E
T Z Y U Z N C G J F I V C Y V
E Z Z B A T E R R A T I C T J
C Y Y E Z A P O M S P V D D U
T H S E N R D E P T G E U Y K
D H H Z F Y F D M A R B L E C
T X Y W V A E E O A Q V S U V

QUARTZ
MUSCOVITE
GRANITE
ERRATIC
IGNEOUS
SEDIMENTARY
STRIATIONS
STONEWALL
SANDSTONE
MARBLE

Name: _____

Canonchet Crossword

Complete the crossword below



Across

2. Second most common material on Earth. It can be characterized by its crystal like structure.
3. A mineral that is shiny in appearance. It has many industrial uses as well.
5. A rock deposited by glaciers that doesn't match the composition of its surrounding rock.
7. Sedimentary rock composed of sand or feldspar.
10. A rock that has been deformed by pressure and temperature underground.
11. A farmers fence.

Down

1. An igneous rock that is used a lot for kitchen counter tops.
4. Scratches or grooves in rocks left behind by passing glaciers.
6. Rock that has been formed from overlapping layers of different sediment.
8. A rock that was formed from the cooling of magma or lave. Granite is an example of this.
9. Highly weathered gravestones are made of this material. It is also used for sculpting.

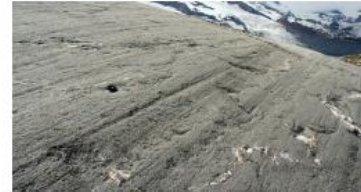
Name: _____

Connect the Vocabulary with the picture:

Marble (has many uses)



Granite (very common rock in RI)



Quartz (usually appears to be white in color)



Striations (grooves)



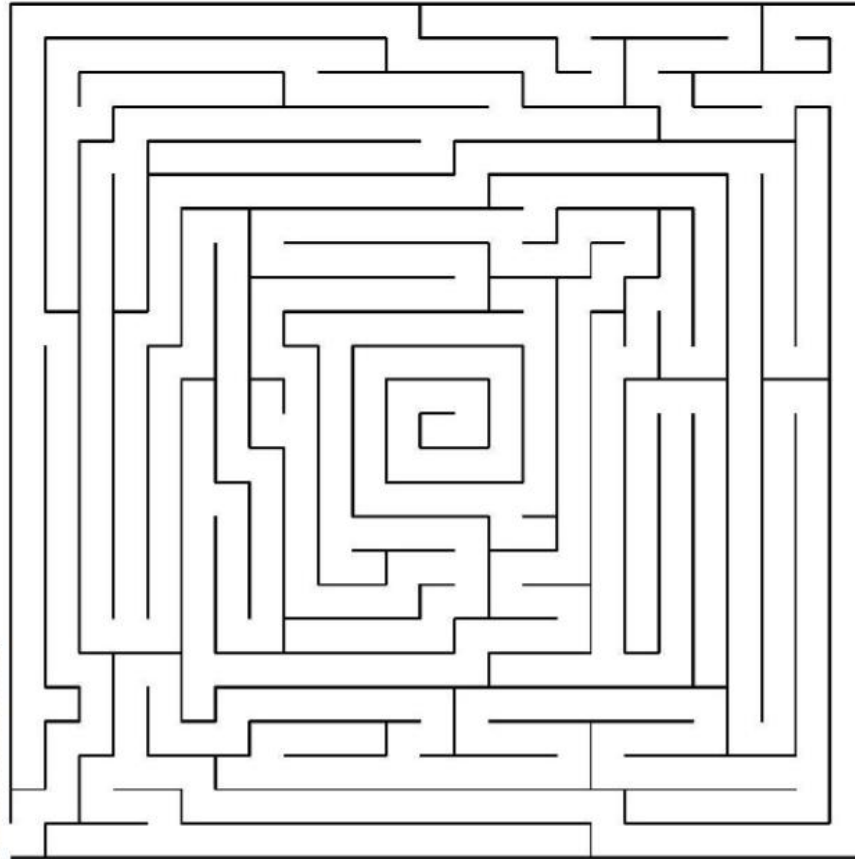
Muscovite (shiny specs)



Canonchet Farm Maze



















Find your way to the icon of Canonchet Farm Trail,
the Big Erratic!

Start Here

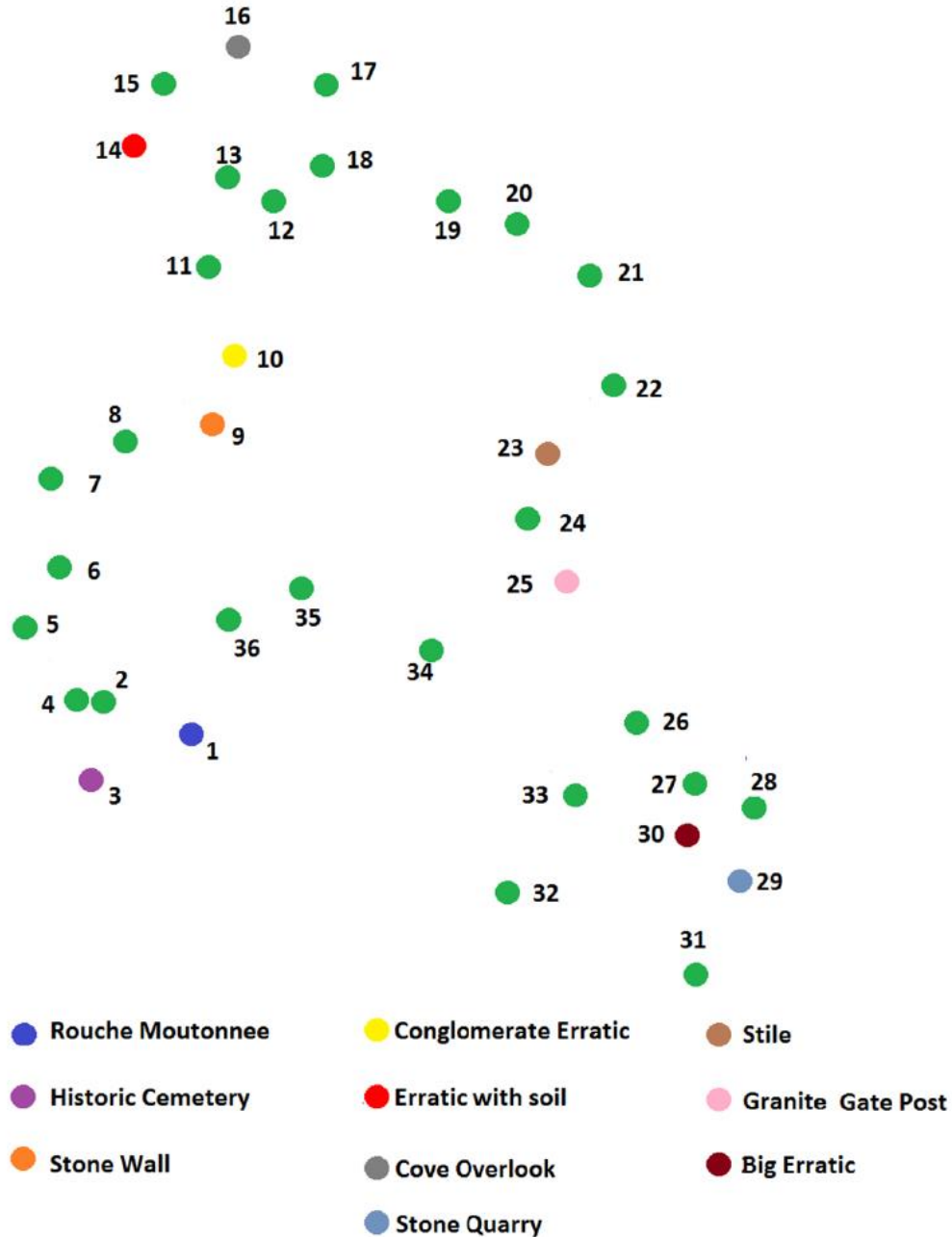


Scavenger Hunt Bingo

Can you get 5 in a row?

 <p>Headstones</p>	 <p>Feather and Wedge</p>	<p>Trail Entrance</p>	 <p>Roche Moutonnee</p>	 <p>Hay Wagon Opening</p>
 <p>Stonewall</p>	<p>A Board Walk</p>	 <p>Step Quarry</p>	 <p>Stone Building</p>	 <p>A rock with glacial striations</p>
 <p>Large Erratic</p>	 <p>Shed</p>	<p>FREE SPACE</p>	 <p>Granite Post</p>	<p>Moss</p>
<p>A Bird</p>	 <p>Stile</p>	 <p>Spurr Erratic</p>	 <p>Erratic and tree</p>	 <p>Salt Marsh</p>
 <p>Puddingstone</p>	<p>Rubbing of a rock, leaf, or tree bark</p>	 <p>Canonchet Museum</p>	<p>Tree Roots</p>	 <p>Split Erratic</p>

Connect The Dots As You Go Through The Trail!



Canonchet Farm Fill in the Blank

ANSWER GUIDE

1. Quartz
2. Muscovite
3. Granite
4. Erratic
5. Igneous
6. Striations
7. Stone walls
8. Sandstone
9. Marble
10. Sheepback

Answer Key

Canonchet Farm Word Find

K M H M P F X M R Q F S M P Y
H O A D V Q L W D S Q X P V X
M X ~~E S T O N E W A L L~~ W S D
U H T U V ~~S N O I T A I R T S~~
S X I O D E U W D W C V V L T
C W N E F D X F K A H X C B U
O N A N X I ~~Q U A R T Z~~ I K D
V L R G M M M S G W K I T M I
I T G I U E ~~S A N D S T O N E~~
T Z Y U Z N C G J F I V C Y V
E Z Z B A T E ~~R R A T I C~~ T J
C Y Y E Z A P O M S P V D D U
T H S E N R D E P T G E U Y K
D H H Z F Y F D ~~M A R B L E~~ C
T X Y W V A E E O A Q V S U V

QUARTZ
MUSCOVITE
GRANITE
ERRATIC
IGNEOUS
SEDIMENTARY
STRIATIONS
STONEWALL
SANDSTONE
MARBLE

Crossword Puzzle

Answer Key

ACROSS

- 2. Quartz
- 3. Muscovite
- 5. Erratic
- 7. Sandstone
- 10. Metamorphic
- 11. Stonewall

DOWN

- 1. Granite
- 4. Striations
- 6. Sedimentary
- 8. Igneous
- 9. Marble

Connect the picture with the vocabulary: **Answer Key**

Marble = third picture

Granite = fifth picture

Quartz = first picture

Striations = second picture

Muscovite = fourth picture

Hints:

Marble has many uses and is used in cemeteries

Granite is a very common igneous rock. It comes in many different shapes and colors. More times than not it contains more than one color.

Quartz is a beautiful crystal looking mineral in its natural state, but many times it is mixed with other minerals into rocks. When quartz has a high ratio in a rock, the rock often appears whitish

Striations: these are not rocks, but what happens to a rock due to a heavy glacier moving over it in the past. It often appears as grooves.

Muscovite: This type of mineral can be found on many rocks. The best way to tell if a rock has muscovite is by seeing shiny specs on the rock.

Canonchet Farm Maze

Answer Key

