

Fortnightly challenge outdoor learning

Use the links below to research about the John Muir
There are short films about the John Muir Award, John Muir's fascinating life moving from Scotland to America and his life devoted to conservation.
After watching the films can you answer these questions?

- John Muir Award: <https://www.johnmuirtrust.org/john-muir-award>
- John Muir Story <https://www.youtube.com/watch?v=VGOolPB8yO8> and <https://www.youtube.com/watch?v=-CDzhlvugw8>

What was one of John Muir's first encounters with nature as a young boy?

He was with his brother searching tide pools for crabs and other interesting creatures of the sea near his childhood home in Scotland. He climbed the walls of the ruins of Dunbar Castle. Muir regularly visited the shore and the meadows where he could study the creatures.

Describe at least one of John Muir's inventions.

1. Study desk
2. Sawmill was used in a stream to cut wood
3. Barometers

What was the reason he went on his 1,000-mile walk to the Gulf of Mexico?

Describe one or more of the experiences he shared about his journey.

John Muir knew he could not work in a factory again because there was so much to explore and learn about the outdoors. For the first time in his life, he saw tall trees and dense forests. He saw high mountains and deep valleys. Muir took note of flowering plants. There were kind families that offered him food and shelter.

List three places in the United States that Muir visited.

Yosemite National Park
San Francisco
Alaska
New York
Mt. Whitney
Niagara Falls
Lake Superior
Kings Canyon

What did he discover about how Yosemite was formed?

Glaciers had cut their way through the rocks to carve the Yosemite Valley. He measured the height and width of rocks and boulders as evidence. Many people disagreed with him at the time, although later he was proven to be right.

What else did John Muir do in Yosemite Valley?

John Muir was a nature guide, leading visitors to his favorite scenic spots. As a guide, he pointed out the evidence of rocks carved by glaciers in several locations. He was also a shepherd. He also met President Roosevelt to camp in Yosemite to convince him how important it was to establish Yosemite as a national park for the public good.

Name some of his "high adventure" activities.

1. John Muir climbed Mt. Whitney when there was a severe snowstorm and it was extremely cold. His body was frozen and he decided not to keep climbing in that weather.
2. He climbed Mt. Shasta. During his climb the weather changed and it started to snow heavily.
3. A third high adventure activity was when he climbed to the top of a Douglas-fir during a windstorm to listen to the needles sing in the wind.

Why did John Muir live on a ranch?

John Muir married John Strentzel's daughter. Strentzel owned a large fruit ranch in Martinez, CA. When Muir married Louie, they lived on the ranch and raised their family. John managed the ranch after his father-in-law died.

What motivated John Muir to spend his life protecting wild lands?

He believed that the wonders of nature in America should be preserved as national parks for people to visit and enjoy. He loved the wilderness and finding out more about nature. When Muir saw indications that man was destroying natural areas, he decided to share his experiences with others by writing articles and books.

Did John Muir act alone or did he have support to make changes happen? If so, name two people who supported him?

No, John Muir did not act alone most of the time. He had support from Ezra and Janine Carr, John Swett and Teddy Roosevelt. Muir helped to form the Sierra Club. By working together, Congress passed laws that protected the wilderness and created national parks for people to enjoy, instead of being destroyed by logging.

List some of the topics that Muir wrote about.

Glaciers
Trips to Alaska
His first summer in the Sierra
Stickeen
Saving wilderness
Preserving Yosemite as a National Park
Mountains of California

