Camp: Summer 2020   Week: 1

Dates: July 6-10

Week Theme: Amazing Archaeology

Overview:
This camp week will explore Archaeology and the various tools and methods that archaeologists use to learn about the people of the past. Emphasis will be on the Archaeological village associated with the Museum, but will also explore further Ontario Archaeology and also some archaeology from around the world.

Day Themes:

- **Monday – What is Archaeology?**
  - Campers will learn all about archaeology with interactive and engaging lessons that are full of fun.
  - Example activity: Campers will create their own artifact after learning what artifacts are and why they matter.

- **Tuesday – Life as an Archaeologist!**
  - How do archaeologists do their work? What do they have to do when they’re out in the field? Find out the answers to these questions through hands-on activities.
  - Example activity: Campers will learn how archaeologists excavate in the field by excavating a cookie.

- **Wednesday – Water Day: Archaeology Edition**
  - Campers will have some fun in the sun while learning about the village and why archaeologists are interested in this site!
  - Campers will have an in-depth look into what the village looked like over 500 years ago by doing a scavenger hunt all over the village in a quest for knowledge.

- **Thursday – Archaeology in space?!**
  - Campers will learn all about space archaeology and satellite imagery, with a mini lesson featuring an interactive expedition from a real space archaeologist.
  - Example activity: Campers will create their own landscape using craft materials after exploring the sites of Peru.

- **Friday – What does Archaeology mean for you?**
  - Using everything that they have learned throughout the week, campers will answer this question through crafts and activities.
  - Example activity: Campers will paint a scene of they think represents archaeology!
Camp: Summer 2020  Week:  2

Dates: July 13-17

Week Theme: Puzzle Extravaganza

Overview:

This camp week will explore the puzzling side of Archaeology. How do archaeologists piece together as accurate a picture of the past as they can? By looking for clues and solving lots of puzzles.

Day Themes:

- **Monday – Cryptic Puzzles: Paleo Archaeology**
  - Do you think you have what it takes to outsmart Dr. Moamoa who has hidden all of the artifacts and left behind a set of clues?
  - **Example activity:** Campers will need to scour the entire village in order to find the answer to one of Dr. Moamoa’s puzzles.

- **Tuesday – Mechanical Puzzles: Environmental Archaeology**
  - Archaeological artifacts aren’t found in one piece, so campers will learn how archaeologists put bits of broken fragments together and solve the archaeological jigsaw puzzles.
  - **Example activity:** Campers will be put into groups with bags of different fragments of artifacts. They will need to become little archaeologists to put these pieces together correctly.

- **Wednesday – Pattern Guessing: Experimental Archaeology**
  - Experimental archaeology is all about discovering techniques that people in the past may have used, and when oral histories and traditional knowledge is lost or incomplete they do that by studying patterns!
  - **Example activity:** Campers will try to re-create a piece of pottery to see what patterns may have been used to create that artifact by people in the past.

- **Thursday – Riddles: Underwater Archaeology**
  - You need me to see in the dark, especially when you’re an underwater archaeologist. What am I? Solve these riddles and create your own while learning all about Underwater Archaeology
  - **Example activity:** Campers will simulate underwater archaeology by searching for artifacts just like these archaeologists!

- **Friday – Word Puzzles: Space Archaeology**
  - Space archaeology and the future of archaeology are both interesting topics, and campers will be able to use what they’ve learned to make their own puzzles!
  - **Example activity:** Campers will go on a scavenger hunt that will bring them to all corners of the museum and the village, with each answer bringing them closer to the puzzle that is Space Archaeology.
Overview:

This camp week will explore the wonders that surround us through a scientific lens. Campers will discover the diversity of archaeology through activities that relate back to biology, chemistry, physics, and environmental science. Just like archaeologists, campers will have to utilize a variety of different tools and techniques to successfully complete activities. Throughout the week, campers can have fun and learn as they engage in hands on demonstrations and experiments that will show them that science is happening all around them!

Day Themes:

- **Monday – An Archaeologist’s Anatomy**
  - **Brief day description:** Ever wonder what it’s like to be an archaeologist? Campers will learn about the different parts of the human body through various hands-on demonstrations and activities.
  - **An example activity:** Underwater archaeology has been big here in Ontario, but it’s limited by our ability to breathe. Today, campers will be blown away as they create their own lung models while discovering the importance of the respiratory system.

- **Tuesday – An Archaeologists World (Hike Day – 1 hr)**
  - **Brief day description:** Campers will see the natural sciences in action as they learn about the Lawson Site while exploring and experimenting with the wonders of nature found right here on the campgrounds.
  - **An example activity:** Campers will learn all about the ice age that once occupied our land while making their own ice cream during a tasty chemistry experiment!

- **Wednesday – An Archaeologists Discoveries (Water Day – 1.5 hr)**
  - **Brief day description:** Today campers will enjoy a refreshing day outdoors while using science to mimic and challenge the world around them.
  - **An example activity:** Campers will learn all about the different tools and techniques utilized by archeologists during excavations as they get creative and make their very own crystals.

- **Thursday – An Archaeologists Tools (Dig Day – 1 hr)**
  - **Brief day description:** To be like an archeologist you have to think like an archeologist! Through a series of demonstrations and experiments campers will learn how to utilize different aspects of the environment.
  - **An example activity:** Today, campers will act like archaeologists and use their critical thinking and detective skills to overcome challenges as they make educated guesses about a family they’ve never met.

- **Friday – An Archaeologists Lab**
  - **Brief day description:** To end off the week campers will investigate and draw conclusions about the world just like archeologists, through activities related to biology, chemistry and forensics.
  - **An example activity:** Campers will get to explore the properties of a liquid in a colourful experiment while learning the science behind chromatography, a technique used by archaeologists.
Overview:
This camp week will explore Archaeology and the environment. Focusing on resources and sustainability, campers will explore the world around us through activities, games, and hands-on experiments.

Day Themes:

- **Monday – Animals and Zooarchaeology**
  - Campers will learn all about animals of Ontario and what zooarchaeology is with interactive and engaging lessons that are full of fun.
  - **Example activity:** Campers will create an animal with leaves and craft supplies after learning about the animals here in Ontario.

- **Tuesday – People in the past and the Environment (Hike Day)**
  - How did people in the past interact with the environment? Campers will find out the answer through hands-on activities and some interactive adventures!
  - **Example activity:** Campers will explore the archaeological village through a resource scavenger hunt to gain a better understanding of where the inhabitants acquired the resources they needed.

- **Wednesday – Water Day: Importance of Water**
  - Campers will have some fun in the sun while learning about the village and the creeks were so important to the inhabitants of the village.
  - **Example activity:** Campers will learn about the importance of water through hands-on experiments!

- **Thursday – Importance of the Environment and Sustainability Dig day**
  - Campers will learn all about the environment we live in and why it’s important to us through fun hands-on activities and outdoor adventures.
  - **Example activity:** Campers will learn about how an ecosystem works together through a fun twist on musical chairs.

- **Friday – Insects and Soil**
  - It’s time to get dirty! On the last day of the week, campers will learn all about insects and soil. Getting to play in the dirt will end the fun week on a high note!
  - **Example activity:** Campers will excavate bug fossils from playdoh and become archaeologists for a day!
Overview:
This camp week will explore the Ice Age periods of history here in North America and Around the World.

Day Themes:

- **Monday – All about the Ice Age!**
  - Campers will have an interactive experience while learning all about the Ice Age.
  - **Example activity:** After learning about the animals that lived during that period, campers will create a craft that includes both their favourite Ice Age animal and its habitat.

- **Tuesday – Living in the Ice Age**
  - What was it like living in Ontario during the Ice Age? Campers will have the opportunity to find out through hands-on lessons and activities.
  - **Example activity:** Arctic Bingo. A fun fact about each animal and how it lived during the Ice Age is included in the call card.

- **Wednesday – Water Day: Ice Age Edition**
  - During a water-filled fun day, campers will also simulate life in the Ice Age by conducting science experiments.
  - **Example activity:** Campers will simulate ice fishing using a winter-themed science experiment.

- **Thursday – Ice Age Art**
  - Ever wonder what the meaning is behind cave art? Archaeologists do! Campers will learn all about cave art found from the Ice Age and what it tells us about the people living thousands and thousands of years ago.
  - **Example activity:** Campers will paint a scene of their own kind of cave art, creating secret messages that other campers will have to solve.

- **Friday – Create your own Ice Age Animal!**
  - Using everything they have learned during the week, campers will create their own Ice Age animal, complete with a habitat and backstory!
  - **Example activity:** Campers will create an animal mask for their unique Ice Age animal, which they can then wear when they’re done.
Overview:

This camp week will explore Archaeology and the artifacts found in the ground today. What is an artifact? How does something become an artifact? And What information can an artifact tell us? Are all questions to be explored throughout the week.

Day Themes:

- **Monday – What are Artifacts?**
  - Begin the week with a hands-on introduction to artifacts! Campers will be able to interact with real artifacts and learn all about them.
  - **Example activity:** Campers will be introduced to artifact kits in the museum. As little archaeologists, it’s up to them to use the kit and clues to discover what the artifact is, what it’s made out of, and the purpose of the artifact.

- **Tuesday – Where are Artifacts found?**
  - After understanding what artifacts are, campers will then learn all about how archeologists find them through interactive activities.
  - **Example activity:** Campers will complete a series of four activities in our gallery space to discover the four stages of commercial Archaeology in Ontario to earn their certificate.

- **Wednesday – Water Day: Artifacts Edition**
  - Water day is here! Campers will discover how archeologists use water when finding artifacts, and what flotation can show archaeologists that they might otherwise miss.
  - **Example activity:** Our little archaeologists will do a case study to learn all about flotation and use tools that archaeologists may use out in the field!

- **Thursday – How did everyday things become artifacts?**
  - What makes something into an artifact? Does everything become an artifact? Campers will use their skills as detectives to figure out the answer to this question.
  - **Example activity:** They will then create their own “pre-artifact” pottery out of clay!

- **Friday – Make your own Artifact!**
  - Now that campers know what artifacts are and how they are made, they will use everything they’ve learned to make the ultimate artifact!
  - **Example activity:** Using craft materials, campers will construct their own artifact to inform future archaeologists about them – or to completely confuse them, whichever they decide.