



# Canadian Fossil Discovery Centre

## Summer Day Camp - Activities Outline

### *Volcanoes* \*FAVOURITE\*

VOLCANOES! We will make individual take home volcanoes that you can erupt again and again, what fun!

### *Fossilicious Sediments* \*FAVOURITE\*

Edible sediments for all! To see just how sediment rock and layers are formed, we will do some experiments involving different types of soil and rock and patience. We will also make an edible sediment layer cup out of candy and pudding to take home!

### *Fossil Jewelry and Key chains* \*FAVOURITE\*

Sharp teeth, big teeth, flat teeth, small teeth, all sorts of teeth! Different shapes and sizes of dinosaur teeth are good for eating different types of food. We'll make a fossil tooth necklace or key chain using plaster and beads, and then we will do a few experiments to test out what teeth are best for eating what food.

### *Jumbo Dinos* \*FAVOURITE\*

Cut out and design a jumbo dinosaur to put on your wall at home. These giant cut outs can be made to look like dinosaurs from the past or create your very own colours on them. Just how big were dinosaurs, this big? this big? **this big?** We will do some experiments to see just how big dinosaurs really were!

### *Prehistoric Day Camp* \*NEW FULL DAY ACTIVITY! \*

Spend the day engaged in all kinds of activities relating to rocks (geology), fossils (palaeontology) and artifacts like arrow heads and hammer stones (archaeology) from the prehistoric past. The day will include activities, crafts and learning sessions.

### *Rock Animals* \*NEW ACTIVITY! \*

Make and bring home an animal friend that rocks! We will learn about carnivores and herbivores and what animals need to survive in their habitats today and in the time of the dinosaurs. We will also do an experiment with some super strong magnets and a food you probably ate this morning...

### *Excavation Kit* \*NEW ACTIVITY! \*

Rocks, minerals, and dirt, oh my! We will examine some different types of rocks found in the Pembina Valley area, then use those rocks to make your very own excavation kit to take home. For some hands on learning with the various degree of solidity of rocks we will make quicksand (aka Magic Mud).



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## ***Fossil Dig Box***

Like playing in the dirt? Love discovering new things? Fossil Dig Day is the activity for you! We will learn all about how to properly dig for and identify fossils right here at the museum in our custom made fossil dig boxes. After we have finished digging we go inside and share what we have found.

## ***Submarine Adventure***

Dive deep underwater and back in time! We'll go back in time to the late Cretaceous and see what other sea life swam the seaway with the Mosasaurs. There will be a submarine porthole craft, and some experiments to do with the pressure that the creatures would have experienced underwater.

## ***Hatching Dinos***

Although most dinosaurs were massive ferocious beasts, they didn't all start out that way. We will explore dinosaurs throughout their life cycles, and see how they grow and are raised. We will make a baby dinosaur that can hatch out of its very own egg!

## ***Craft Corner***

Arts and crafts galore! We will do one different craft, chosen from a variety of exciting crafts, each day this activity is repeated. The crafts include dino magnets, clay sculptures, stained glass, toothpick skeletons, and more! We will focus on a different marine reptile each time this activity is repeated and learn all we can about it!

## ***T-Shirt Art***

Decorate your very own T-Shirt while learning about dinosaurs as they looked back in the Cretaceous, skin and all! We will also do an experiment dipping a skeleton dinosaur into plaster to see just how it looked before it fossilized. Cool!