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|  | **Fossilised Coral**  The oldest coral fossils are over **500 million years** old. The earliest forms were different from those we see today and they died out **225 million years** ago. Modern corals are still common in tropical oceans.  These are solitary  corals from the  Jurassic and  Cretaceous periods.  **Crinoid Fossil**  **Crinoids** capture food with tube feet when prey and detritus float through its feathery arms. The largest **fossil crinoid** stem which has ever been found is 130 ft (40 m) long. |  |
| **Shark Tooth**   A s**hark tooth** contains resistant calcium phosphate materials. The most ancient types of **shark’s** date back to 450 million years ago, during the Late Ordovician period, and are mostly known by their fossilised **teeth**. However, the most commonly found **fossil shark teeth** are from the Cenozoic era (the last 66 million years).    **Opel Shell Fossil**  Anchura, genus of extinct marine gastropods (snails) found as fossils only in marine deposits of Cretaceous age (between 145.5 million and **65.5 million years** old). It is thus a useful guide or index fossil because  it is easily  recognizable. |  | Thursday 13th February  Fossil Hunters Information Pack |
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| **Dino Tooth**  This dinosaur tooth dates back 65 million years. It has been polished and preserved to keep it in the best possible condition.  This dinosaur  would have been  a carnivore.  **Ammonite**  Ammonites are one of the most commonly known fossils. They take the shape of a spiral formed shell. These creatures lived in the sea up to 240-65 million years ago when  they became extinct  along with the  dinosaurs. Ammonites  are close relatives of  today’s Octopuses  and Squid. Fossils you may encounter | **Fossilised Fish**  The oldest current fish fossil found to date is 530 million  years old. It was  found in China.  A Paleoichthyologist  is the name given to  a person who studies  pre-historic fish.  This image shows  Three fossilized fish… You may need your magnifying glass to see the third.  **Trilobite**  There are over 20,000 current known species of Trilobite. The largest recorded species was 28 inches long and the smallest measured less than a mm from end to end! Trilobites first appeared around 540 million years ago. When a trilobite felt threatened they would curl up into a small ball for protection. A trilobite found in China  was recently named  after a Star Wars  character. Fossils you may encounter | **Orthocone Nautiloid**  An Orthocone Nautiloid have  an unusually long straight  shell. They lived 500-  200 million years ago.  **Trace Dinosaur Track**  It is impossible to tell exactly what dinosaur made the tracks  on this fossil as lots of  dinosaurs have similar  features. Tracks can help  us to determine if the Dinosaur walked on two or four legs.  **Bivalve Shell**  This kind of shell is split into two valves or two parts. They are a type of mollusk. They are sometimes called Devil’s toenails!   Fossils you may encounter |