I was the lead Exhibit Designer for the exhibit Grounds for Discovery at the Royal Tyrrell Museum in Drumheller, Alberta. To push for a stronger engagement with specimens on display, interactives used touch, light and sound. I also implemented lit laser etched silhouettes and 3D sculptures to give context to what visitors were looking at. Graphic Design by Alanna Kho. Sculptures by Jeff de Boer.
Metal sculpture fleshing out actual size of dinosaur
Cast replicas are shown inside of the sculpture in contrast to the actual specimens displayed in casework below.
The Nodosaur fossil was one of the most extraordinary fossils ever discovered due to the skin texture. A durable replica was created for visitors to feel an actual dinosaur’s skin texture.

The original inspiration for the ammonite interactive was to engage with light and a magnifier to showcase the shimmer of ammonite fragments which make up the majority of the museums collection. GIF can be viewed [HERE](#).
Originally displayed as a trackway block I introduced a sound and lighting interactive. Coloured lights were shown to indicate three separate trackways in order of how they were left along with mud sounds as the trackways were left in a muddy swamp. GIF can be viewed HERE
Laser etched silhouettes showing the location specimen in the animal
FOUNDATIONS

Taking advantage of lower exhibit space I designed several children interactives for the Foundations exhibit at the Royal Tyrrell Museum. Illustrations by Alanna Kho.

Spinning knobs to compare ceratopsian skulls to fleshed out

Graphic layout for spin interactive
Touch interactive to compare the serrations of herbivore and carnivore teeth.

Spinning blocks for the evolution section of the exhibit GIF can be viewed [HERE](#)
INTEPRETIVE TRAIL

I designed new wayfinding and information panels for the Royal Tyrrell Museums outdoor interpretive trail. Many visitors were getting confused due to the multiple pathways of animals and local pathway that intersected with the trail. This lead to design elements to fix certain issues with the existing signage.

Inspiration

Initial concepts
Wayfinding elements breakdown
Start of the trail and directional signage
PRINTS

The following prints are a collection of personal interests I have in science, the outdoors and information design. The main element I try to implement within my infographics are proper scale and size accuracy. For example the space print is exactly 1:1,000,000,000 scale when printed at 16x20.