



Numbers

Special Activity

Osmo **GENIUS** **Dinosaur** **MONTH**

Let's Explore the Yellow Sea!

From here, we're near the Chinese province where over 40 dinosaur species' fossils have been discovered.

Can you find 13 sea animals and the Polkadotsaurus?!



Bothriolepis



Dunkleosteus



Ichthyosaurus



Polkadotsaurus



To get started, open Osmo Numbers and then tap on this special button.

Genius Spotlight: Michael Crichton

In 1993, a famous movie called Jurassic Park came out. In the movie, dinosaurs have been re-created through modern technology. A theme park is being built to showcase these "new" creatures, which seems super cool—until the dinosaurs escape!

Jurassic Park was based on a 448-page book by Michael Crichton. Before becoming an author, Michael went

to medical school. His novels usually involved science, so he'd do a lot of research before writing. Michael studied all about dinosaurs for Jurassic Park.

Careful research was part of the Jurassic Park movie-making process, too. A team was hired to create full-size dinosaurs that could move. It was as though real dinosaurs were on the movie set!

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More about: Michael Crichton

The popularity of Jurassic Park led to more movies (like Jurassic World), video games, comic books, and water rides throughout the world. It even made many people, who loved the movie, decide to study dinosaurs in real life.

Michael's book influenced much of how the world thinks about dinosaurs today!



The first *Jurassic Park* book cover

Experiment: Hatching Eggs

Warning: hatching dinosaurs ahead!

Be careful with the food coloring and fizzing vinegar...wear gloves and goggles to avoid any staining or stinging!

Materials needed:

- $\frac{1}{4}$ cup water, in a measuring cup
- 1 cup baking soda, in a medium-sized bowl
- White vinegar
- Food coloring

Check with an adult before using household items.

- Large plate
- Spoon or dropper
- Small plastic dinosaur (or other figurine toys)

1



Drop some food coloring into the water.

2



Slowly add the water to the bowl of baking soda, mixing with your hands until a soft dough/paste forms.

3



Mold a small amount of dough around each toy in the shape of an egg.

4



Place your "eggs" on a plate to dry. Keep in the freezer for an hour or so, until the eggs are hard.

5



Use a spoon or dropper to add vinegar to the eggs.

6



Enjoy watching as they fizz open!