

## LIGHT UP & GLOW!

Flip the switch to turn on the volcano. Turn off the room lights and enjoy your glowing Dinosaur habitat. Remember, to make the batteries last longer, turn off the light when not in use.

To make your accessories glow brighter, place your habitat under bright lights and then turn them off.



## DINOSAUR FACTS

The word dinosaur comes from the Greek language meaning “terrible lizard”. Dinosaurs ruled the Earth for more than 160 million years, but where did they go? Scientists believe that the dinosaurs became extinct due to a large asteroid impact or a giant volcanic eruption. These events could have blocked the sun, changing the earth’s climate.

**Stegosaurus** - gets its name from the Greek words meaning “roof lizard”. This large plant-eater (herbivore) is known for the rows of plates and spikes found on its back and tail. A fully-grown Stegosaurus can measure 30 feet in length, 14 feet in height and weigh up to 5 tons. Stegosaurus lived during the Jurassic Period, around 150 million years ago.



**Tyrannosaurus Rex** - Also known as “T-Rex”, gets its name from the Greek words meaning “tyrant lizard king”. This meat-eater (carnivore) measured 42 feet long and weighed up to 7 tons. T-Rex walked on two legs and was known for its large head and tiny arms. Tyrannosaurus Rex lived during the Cretaceous Period, around 65 million years ago.



**Triceratops** - Comes from the Greek words meaning “three horned face”. This plant-eater (herbivore) used these horns to protect itself from predators. A fully-grown Triceratops could weigh as much as 6-12 tons. Triceratops lived during the Cretaceous Period around 65 million years ago.



### How are Dinosaur fossils formed?

The body of a dinosaur gets trapped and covered in natural materials like mud, ice or sand. The flesh of the dinosaur decomposes leaving the skeleton behind. Over many years the bones slowly wash away leaving open spaces where the bones had been. These natural molds get filled with tiny rocks and water. Eventually the entire skeleton mold becomes solid rock. Paleontologists (scientists who study fossils) dig deep into the Earth’s surface to find and preserve these fossils.

[www.CreativityforKids.com](http://www.CreativityforKids.com)



Grow n' Glow Dinosaur Habitat #6231000  
© Faber-Castell USA, Inc. Cleveland, Ohio 44125 • [www.fabercastell.com](http://www.fabercastell.com)  
Designed & Assembled in USA  
Wheatgrass, Chia and Bean Mix from USA  
All other components made in China  
Conforms to ASTM D-4236 • Non-toxic • Safe for Children

#6231000  
Age 6+



### Important Information About This Paint

- The paint included is a specially formulated non-toxic acrylic paint that dries permanently on most surfaces, so be careful.
- Paint may stain fabrics, furniture and other porous surfaces. Wear a smock or old clothes and cover your work area with newspaper.
- Clean up any spills immediately with soap and water.
- Save any leftover paint to touch up your designs.

### BATTERY WARNINGS

- Discard button batteries carefully.
- Do not allow children to play with button batteries. Keep button batteries out of your child’s reach.
- To avoid accidental swallowing, never put button batteries in your mouth for any reason.
- If a button battery is ingested, immediately seek medical attention and call your local poison center.
- Be sure the battery compartment is tightly screwed closed.
- Different types of batteries or new and used batteries are not to be mixed.
- Do not mix alkaline, standard (carbon zinc) or rechargeable batteries.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.

Your lava light comes with batteries.  
If you need to replace them, follow these steps.

**Batteries should be replaced only under adult supervision. You will need a small Phillips head screwdriver and three, AG10 - 1.5V batteries. To install, follow the diagram below and on the bottom of your tea light.**

1. Remove the screw.
2. Pry open the cover.
3. Replace the batteries with correct polarity.



4. Replace the battery cover and screw.
5. Discard batteries following guidelines for your area.

GROW n' GLOW

## DINOSAUR HABITAT

Just add water!

Your kit includes everything you need to plant  
and grow your own dinosaur habitat.  
It's the perfect STEAM activity  
for big and little paleontologists.



PLEASE READ THROUGH ALL  
INSTRUCTIONS BEFORE YOU BEGIN



## GETTING STARTED

Cover your work surface and clean up any messes right away.

Plan out your habitat before you begin, that way your plants and accessories will each have plenty of room. For ideas, refer to the picture and helpful planting guide. If you need help, ask an adult or older friend to craft with you.

Although the seeds included in your garden are food grade, the plants are intended for decorative purposes only.

## CRAFTING

Before planting you will want to get all of the accessories ready.

### Volcano

Lay the volcano flat on your work surface, color side facing up.

**NOTE: Remove protective plastic film before assembling.**

Use the red sparkle paint to add dimensional lava details to the volcano.

Leave it flat until it's completely dry.

When the volcano is dry, peel the release paper from the adhesive.

Assemble the volcano by rolling it into a cone and sticking it together.

Fold the bottom tab up. Add the extra adhesive strip to cover the seam.

### Glowing Dinosaurs and Dino Eggs

Use the glow paint to accent the dinosaurs, fossil, lava and eggs.

You can outline the accessories, add small spots and details.

Use the brush to make it more translucent and to spread the glow paint over larger areas. Set them aside until they are completely dry.

### Arranging the Habitat

Open the potting mix. Pour approximately one cup of water inside the bag. Squish the bag until the potting mix clumps together like clay. Add a little more water if it's too dry. Place the potting mix into the dish. Lightly pat it down using your scoop.

**Volcano:** Remove the plastic tab from the bottom of the light. Place it into the holder and push it into the soil. Position the volcano over the light.

**Red gravel:** Create a river of lava from the volcano.

**Blue gravel:** Spread the gravel to create a small pond.

**Dinosaur and Eggs:** Arrange the dinosaurs and eggs inside your habitat.

**Fossil:** Lay the skeleton on its side, pressing it into the dirt, lava or pond.

**Glowing rocks:** Place these wherever you like.

## PLANTING THE SEEDS

**Pro Tip :** We give you enough beans, wheat grass and chia seeds to plant your garden 2-3 times. Start off with about 1/3 of your seeds and save the rest to plant later. To give your seeds a head-start, soak them in warm water for about ½ hour before planting. This softens the outer shell of the seed, so they sprout more quickly.

**When watering your garden, remove the volcano and light as needed to avoid getting them wet.**

The beans and wheat grass grow tall, so consider planting them towards the back and sides.

The chia plants are shorter, so you can put them in the front and around the habitat.

Growing times vary. Providing light, water and a warm growing environment will speed up the process. You should see some growth within 3-5 days. You can also plant your seeds at different times, so you always have new plants sprouting.

Push the wheat grass and bean seeds into the damp soil, covering them lightly. The chia seeds can be sprinkled on top of the soil. Keep the habitat well-watered. Mist your garden heavily. If the soil feels dry, remove the cap to your mister and pour water as needed.

As your garden grows the plants will die-off to create new soil. Use the leftover seeds to re-plant your habitat as needed. Additional potting mix and seeds can be purchased at your local garden center.



## SEED PLANTING GUIDE

*Leave space  
for volcano,  
dinosaurs,  
eggs &  
gravel*

