

Self-Guided School Field Trips



TEACHER GUIDE – LEVEL 1

GRADES K-2

STUDENT SHEETS INCLUDED



Welcome to LEGOLAND®

LEGOLAND® Florida's Field Trips Program connects learning and fun together like LEGO® bricks!

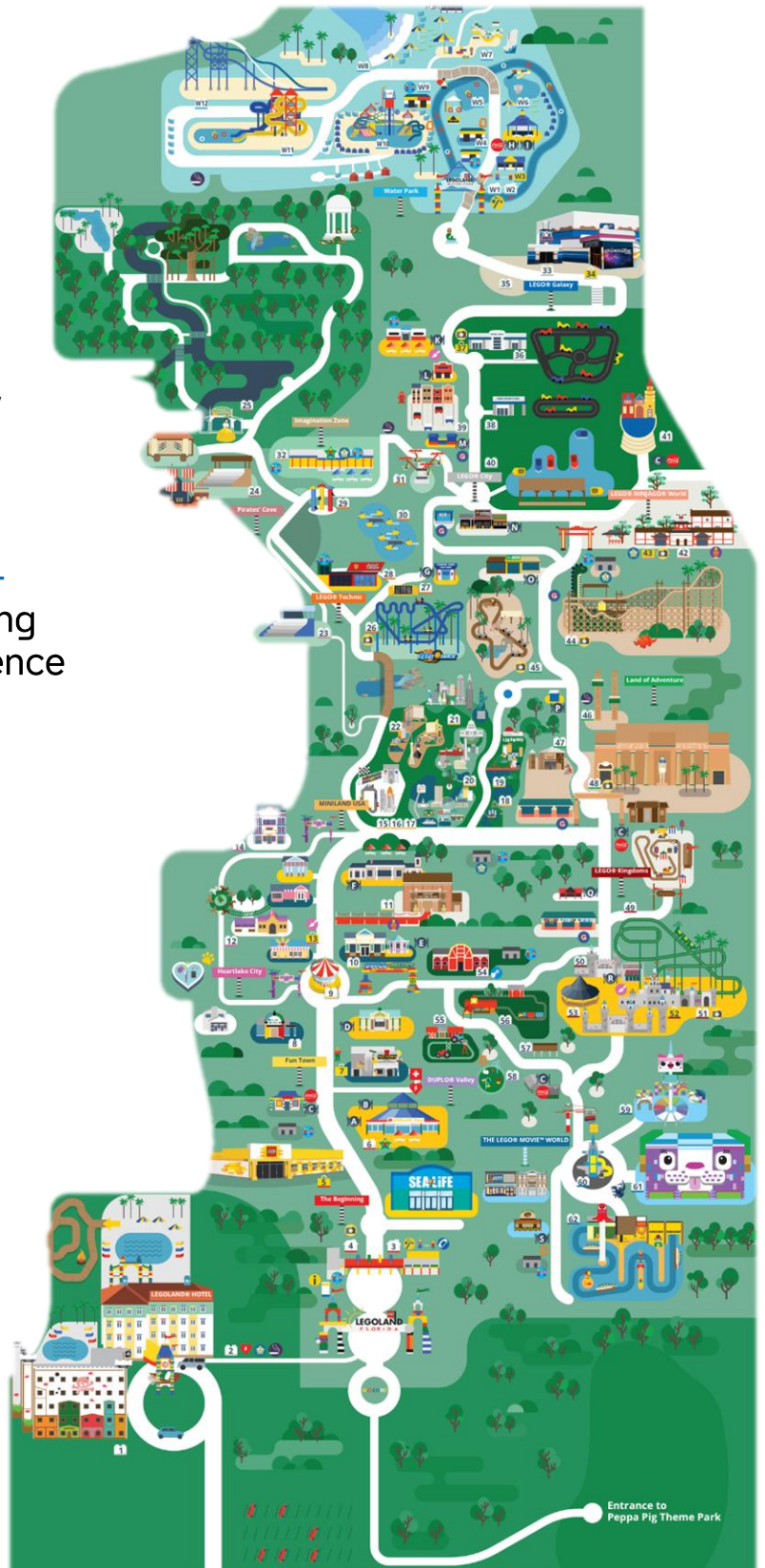
Welcome, Teachers! Your class adventure starts here.

Our self-guided school visits allow students to explore, discover, and create in an engaging environment filled with hands-on activities. The guide is designed to add fun, focused, and interactive learning during your Field Trip.

This guide includes Florida curriculum-based challenges and activities covering Mathematics, English, History, and Science for 3 attractions, including:

1. **LEGO® Ferrari Build & Race:** Design and test your way to the finish line!
2. **MINILAND USA:** Marvel at LEGO landmarks while learning about geography.
3. **SAFARI TREK:** Lions, tigers and elephants, oh my! Can you spot your favorite LEGO® animals on this safari ride?

The attractions can be visited in any order. To make the most of your visit, we recommend dividing your class into smaller groups, each led by an adult chaperone.



This hands-on experience supports creativity, problem-solving, collaboration, and early engineering concepts through experimentation and iterative learning.

Students will design and build their own LEGO® Ferrari race cars, testing and refining them on three tracks to see how different design choices affect speed and performance. They can also digitally customize their cars before racing in the virtual race zone for a chance to set the fastest lap at the legendary Pista di Fiorano.



Challenge

Have students build their cars and race them against their peers' creations. Ask them to observe which cars perform the best and identify the design features that may contribute to speed. Then, have students mark on their worksheet which listed features helped the cars go faster. Encourage them to compare results and discuss how different design choices impacted performance.

Back at School

Have students review the data from the Build and Race activity to identify which design features made cars faster. Ask them to determine the five most important features and list them. Then, have students create a visual design of a car that incorporates these key elements.

Curriculum Standards Addressed

- *Students make observations using their senses and simple tools to collect data that can be used to compare characteristics or behaviors of objects. (SC.K.N.1.1-SC.2.N.1.1)*
- *Represent ideas using drawings, models, or manipulatives to solve problems. (MA.K12.MTR.4.1)*
- *Investigate, demonstrate and describe the way that things move in different ways, such as fast, slow, in a straight line, back-and-forth, etc. (SC.K.P.12.1, SC.1.P.12.1)*





Create your own LEGO car and race your car on the ramp. Ready. Set. GO!

Challenge

Build cars and then race them on the ramp. Tick which design features makes your car go faster:

- Big wheels
- Small wheels
- Long body
- Short body
- Low body
- Tall body
- Wide body
- Thin body
- Dark colored bricks
- Light colored bricks
- Windshield
- No windshield
- Heavy car
- Light car



Back at School

Review your test data and write down the top 5 things needed for a fast car:

1.
2.
3.
4.
5.

Draw the race car featuring the 5 most important design elements:



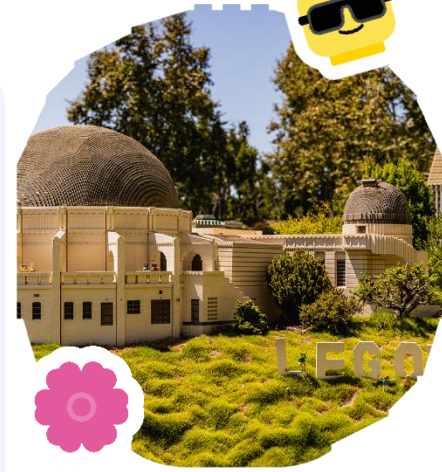
MINILAND USA



Challenge

Have students explore the different miniature cities and identify where specific activities and locations can be found, such as sports venues, transportation hubs, and historical sites. Ask them to locate and mark each of the key items or locations on their worksheet. The correct answers are listed below:

- **Sporting Event:** Daytona International Speedway, Wrestling (Las Vegas)
- **Museum:** Glazer Kid's Museum (Tampa), Madame Tussauds (Orlando & Hollywood), Guggenheim (New York City), Flagler Museum (Florida)
- **Park:** Bok Tower Gardens (FL), Central Park (New York City)
- **Bridge:** Bay Bridge (San Francisco), Arlington Memorial (Washington DC), Seven Mile Bridge (Key West)
- **Beach:** Panama City, Miami, St. Augustine, Key West, Daytona



More Info:

Daytona International Speedway: Constructed out of nearly 300,000 LEGO® bricks, feel the rush as you experience the "World Center of Racing" at 1/20 scale.

Las Vegas Strip: Features replicas of famous hotels and landmarks with a miniature glimpse into the vibrant city.

Washington, D.C.: National Mall models including the U.S. Capitol, Washington Monument, and the Smithsonian Castle, all meticulously crafted to capture the essence of the nation's capital.

New York City: This section includes representations of Manhattan, featuring Central Park, Times Square, and the Empire State Building reflecting the city's dynamic skyline.

Back at School

Have students select four landmarks to include in their very own dream version of MINILAND USA and draw them. Ask them to consider questions like:

What makes the landmark culturally or historically important? Why might a building be created to honor important moments in history? How does Miniland USA reflect cultural diversity and different cultural groups? How does a landmark represent people in the community?

Curriculum Standards Addressed

- *Students compare and contrast the locations of people, places, and environments and describe their characteristics. (SS.K.G.1-SS.2.G.2.1)*
- *Distinguish between land and water on maps and globes and locate general areas referenced in historical legends and stories. (SS.K.G.1.4-SS.2.G.1.1)*
- *Students compare and describe the physical and human characteristics of different places. (SS.K.G.1.1- SS.2.G.2.1)*
- *Students compare information shown using different geographic representations, such as three-dimensional models, maps, and pictures, to understand locations and physical features of places. (SS.K.G-SS.2.G)*
- *Use physical and political/cultural maps to locate places in Florida. (SS.1.G.1.1, SS.2.G.2.2)*

MINILAND USA

Explore a tiny version of the USA made completely out of LEGO® brick!

Challenge


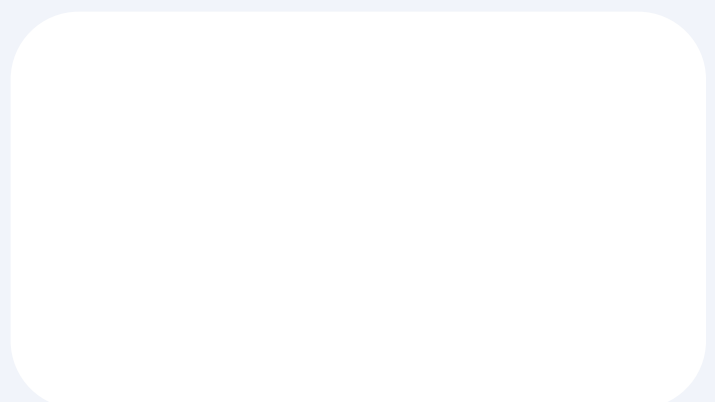
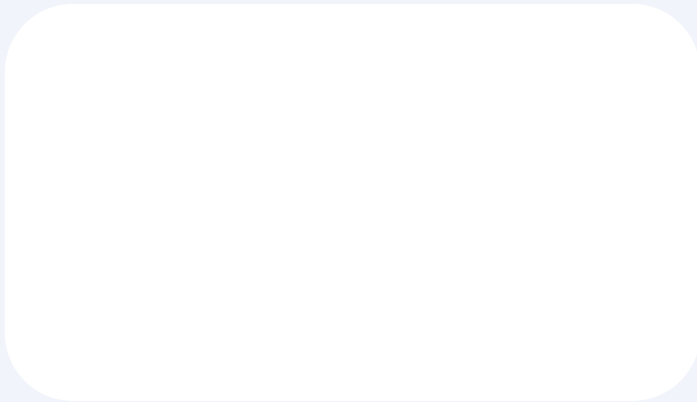
What do you see in MINILAND? Check all boxes you spot!

- A sporting event
- A beach
- A museum
- Aliens
- A park
- A pink flamingo
- A bridge
- A hot air balloon



Back at School

You're the LEGO designer! Draw the 4 places you would choose to include in your own MINILAND USA city (such as a landmark, a park, school, zoo, etc.).



Land of Adventure: SAFARI TREK

Climb aboard a safari cruiser and see how many animals you can identify on your adventure. Please note: Children under 44" may only ride with a supervising companion at least 14 years old.



Challenge




























Have students track animals during the safari, observing and recording the "wildlife" they encounter. Remind them to carefully note their findings to use in the follow-up activity back at school.

Back at School

Answer to questions:

- Pick two animals. How are they alike? (Example: They both have four legs.)
 - Lion & Elephant both have 4 legs
- How are they different? (Example: One has fur, and one has feathers.)
 - Lion has fur & Elephants have only tough skin

2. Sort the animals: Draw a circle around the animals that belong together:

□ Animals with fur									
□ Animals with scales									
□ Animals with feathers									

Curriculum Standards Addressed

- Identify and sort common words into basic categories, relating vocabulary to background knowledge. (ELA.K.V.1.3)
- Observe plants and animals, describe how they are alike and how they are different in the way they look and in the things they do. (SC.K.L.14.3)

Land of Adventure: SAFARI TREK

Can you spot your favorite LEGO® animals on this safari ride?

Challenge

Use your treasure tracker to track what you saw during your ride. Write down different animals and items you saw during your safari:

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Back at School

1. Answer these questions with your class:

- Pick any two animals in the Safari or that you have seen somewhere else.
- How are they alike?
- How are they different?


















3. Draw a line to match the words to the correct group:

- Lion
- Zebra
- Tree
- Elephant
- Hippo
- Flower
- Giraffe
- Plant

Animals

Plants

2. Sort the animals: Draw a circle around the animals that belong together:

<input type="checkbox"/> Animals with fur									
<input type="checkbox"/> Animals with scales									
<input type="checkbox"/> Animals with feathers	