



GO LEARN

GO

Six Flags®

Fiesta



Texas®

SAN ANTONIO

OUTSIDE LEARNING LAB

ELEMENTARY WORKBOOK

To the Teacher:

The activities found in this workbook were written to focus on specific skills and interesting questions about the rides and other features throughout the park at Six Flags Fiesta Texas. Our activities incorporate social studies, art, language, math and science lessons appropriate for the elementary grades.

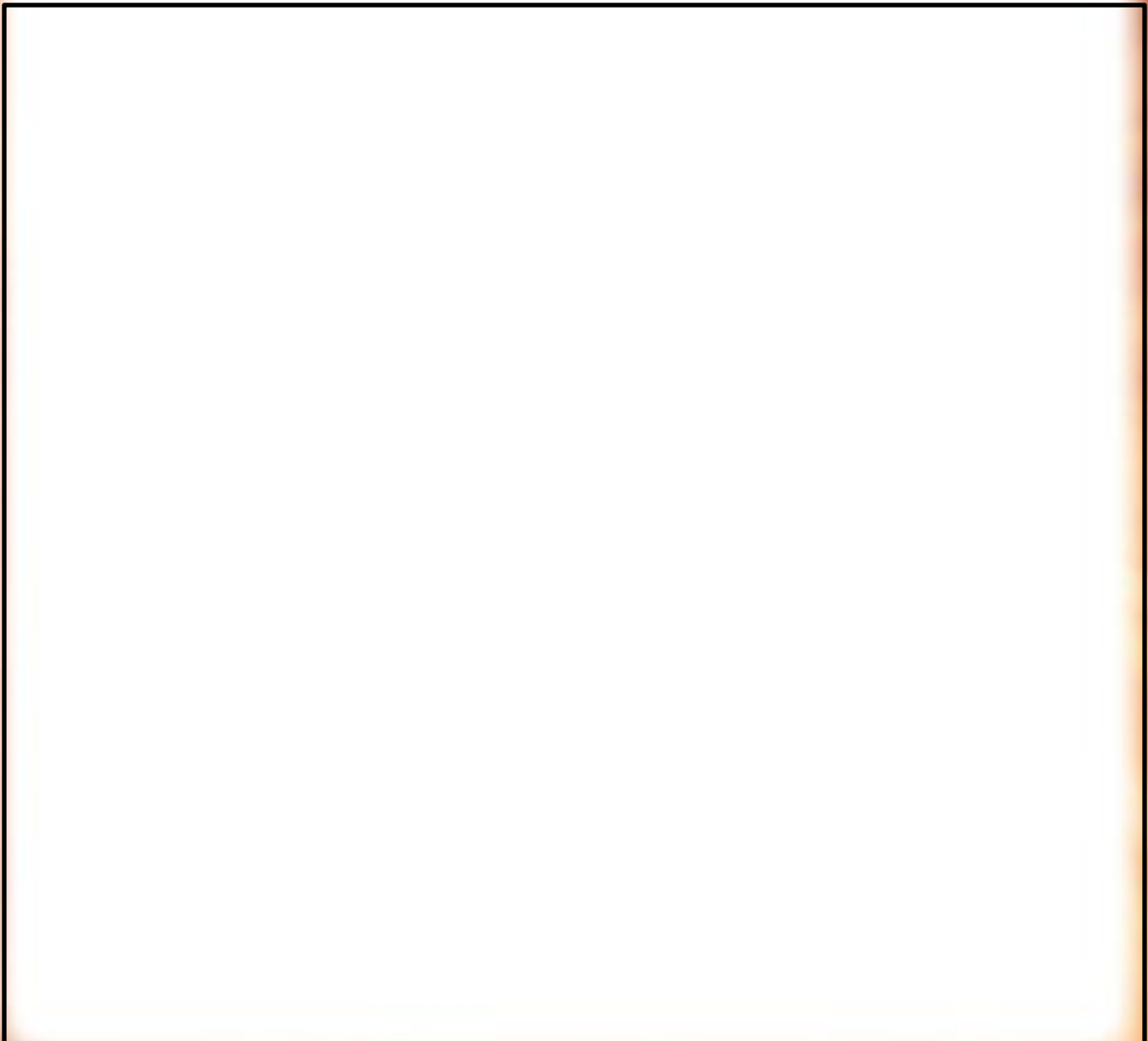
We recommend that you take the time to carefully look at these activities to choose which ones are appropriate for your students. We have included information that would allow you or your students to develop additional activities or questions if you so desire. We believe that students should be given a reasonable set of well defined lesson goals to accomplish at the park before your arrival.

We hope that you enjoy your day of fun and discovery
at Six Flags Fiesta Texas!

Art

YOU DESIGN THE PARK! – Select one of the following projects:


- Design a park that would be constructed on another planet*
- Design a park that would be on the ocean floor*
- Make a sign that would advertise a new ride*
- Design a new waterslide to be constructed in White Water Bay*



Language

WRITING ACTIVITIES ABOUT SIX FLAGS FIESTA TEXAS

1. *Survey your fellow students to discover their favorite rides at Six Flags Fiesta Texas. Compare them to your favorites.*
2. *Write a story and draw a picture of what it would be like to work at Fiesta Texas.*
3. *Draw a picture showing what you enjoyed most while at Fiesta Texas. Describe your picture and explain why it was your favorite part of the day.*

A large, empty rectangular box with a black border, intended for students to draw a picture and write a description of their favorite part of the day at Six Flags Fiesta Texas.

Language

Word Search

Can you find the 18 words hidden below?

L O V E A L L T W E E T Y B I R D V Y U S C X L
K I N D E R S T E I N L S R X M A S E P W G B J
I R K E X E Q O L M T Q C T S E I G R E T L O P
W V F J U L Y H C I W N R K J X O S L K A X R U
U D D E R T W I S T E R E M A T S E I G R E T L
O N Y L X T Z P K Q U S A T K B C S H E W A N O
L I O U T A E L V U N A M R E P U S A Y H V B N
B O O M E R A N G J I N X O U R E A S O I M A E
U B R X I N G R O A D R U N N E R E X P R E S S
G O R R Q L L A L E A T B A N A N A S W L Y O T
S E N T H I N G I O X C N M P R E A Q K I K T A
B F U N N E L C A K E K B V U K I N D E G R T R
U R V O L U N E T E E R I D E S A R E F I A D N
N Y O U R B Y W H I T E W A T E R B A Y G Z Y I
N I L O B E C O E S T A R S I B T H E R I Y N G
Y H G I H E L L I V K C O R T H I S I S B K G H
E R E Q U J G D I P N D O T S Z I D A R N A O T
P B J D K X D A F F Y D U C K A W O I Z K R S S
K X Q J U P B E Q O P L I E R G U Y D O Z S R B

*Boomerang
Bugs Bunny
Funnel Cake
Daffy Duck
Der Twister
Dip N Dots*

*Goliath
Kinderstein
Krazy Kars
Lone Star Nights
Poltergeist
Rattler*

*Road Runner Express
Scream
Superman
Tweety Bird
White Water Bay
Whirligig*

Math

Destination: SPASSBURG

Location: STEINGASSE (BUMPER CARS)

INTRODUCTION: The adult bumper cars are contained within a German-themed, open sided pavilion. This two-floored, traditional ride features 50 turn-of-the-century styled bumper cars with a distinctive European look.

- *MISSION: MEASUREMENT*

- *A. Find the place at the beginning of the rise that shows the height requirement for the ride.*
- *B. You are 4 ft. tall. Are you tall enough to ride the bumper cars? If not, how much more must you grow?*

- *MISSION: CALCULATE FRACTIONAL PARTS*

- *A. Count the bumper cars that are being used.*
- *B. How many of each color are there?*
- *C. Write a fraction for the total number of cars for each color.*

- *MISSION: DIVISION TO SOLVE PROBLEMS*

- *A. You are number 157 in line for the bumper cars. There are 20 bumper cars and each one holds 1 passenger. People get on every 2 minutes and 20 seconds. How long will you have to wait in line?*

Math

Destination: SPASSBURG

Location: DIE FLIEDEMAUS (WAVE SWINGER)

INTRODUCTION: This ride is a traditional European manufactured swing ride

- *MISSION: MEASURE USING APPROPRIATE MEASUREMENT TOOLS*
 - A. *While attending Six Flags Fiesta Texas, you decided to ride Fliedemaus, the awesome swing ride. How long does it take to ride one time from the start to the finish of the ride?*
 - B. *If you got in line at 8:34p.m. and waited 32 minutes to get on the ride, how long were you at the Fliedemaus?*

- *MISSION: FIND HOW MANY PEOPLE WILL RIDE*
 - A. *How many people may ride on this ride during one ride?*
 - B. *How many times could a person ride this ride in 5 minutes?*
 - C. *Using your answers from A and B, how many people could ride the swing in one hour?*
 - D. *Approximately how many people can ride on the swing during an average day if the working hours are from 9am until 9pm?*

- *MISSION: CONVERTING UNITS*
 - A. *The Fliedemaus swing ride lifts you 15 feet into the air. How many inches is this?*

Math

Destination: ROCKVILLE

Location: DORNROSHEN (CAROUSEL)

INTRODUCTION: The carousel is a 47 foot diameter replica machine themed to the appearance of a hand carved German Carousel from the early 1900's.

MISSION: CALCULATE FRACTIONAL PARTS

- A. *How many animal rides are on the carousel?*
- B. *How many of those animals are horses?*
- C. *Write a fraction for the total number of horses compared to the total number of animals.*

Destination: ROCKVILLE

Location: THE POWER SURGE

INTRODUCTION: This is a ride with fiberglass boats resembling old, wooden planking.

MISSION: SOLVE PROBLEMS WITH REASONABLENESS

- A. *There are 28 3rd graders waiting in line to ride the Power Surge. How many students may ride on one boat?*
- B. *How many will have to wait for another boat?*
- C. *There are 723 guests who will ride on the Power Surge during the next hour. How many boats will it take to hold this number of guests if 20 guests fit into a boat at one time?*

Math

Destination: ROCKVILLE

Location: MOTORAMA TURNPIKE

INTRODUCTION: This is a ride in cars that resemble old classic models.

MISSION: COUNT AND SOLVE PROBLEMS

- A. Count the cars on the Motorama ride.
- B. How many people can each car hold?
- C. If a class has 21 students, how many cars are needed for the entire class to ride? Draw a picture and explain your thinking.

Destination: FIESTA BAY BOARDWALK

Location: CROW'S NEST FERRIS WHEEL

INTRODUCTION: This is a nostalgic Ferris Wheel

MISSION: SOLVE PROBLEMS USING MULTIPLE STRATEGIES

- A. How long does it take the Ferris Wheel to go around one time?
- B. How tall do you think the Ferris Wheel is?
- C. On the Crow's nest, estimate the number of lights on the Ferris Wheel and describe a strategy for finding the exact number of lights on the spokes only.

ASTROLOGY

Destination: ROCKVILLE

Location: THE HUSTLER

INTRODUCTION: These over-sized billiard balls rotate on giant platforms

OBSERVATION: The Hustler is a great real life example of the galaxy, solar system and lunar revolution for your students to observe. As your students wait in line for the ride, have them consider the center eight ball as the sun and the spinning platforms of numbers as the planets. The individual rotation of each ball or 'planet' also demonstrates how the planets rotate in space. Have your students choose a non-spinning outer ball to be our moon to demonstrate lunar revolution. Next, use each platform as a different galaxy and the center eight ball as the center of the universe to demonstrate the universe in action.

MISSION: DISCUSS YOUR OBSERVATIONS

- A. What are the two places you could place the sun on The Hustler and why?
- B. Describe the movement of the moon in relationship to the Earth. To the Sun.
- C. Is there a dark side of the moon? Why or why not?

ANSWER KEY

BUMPER CARS:

- 1b. No you must grow 4" tall*
- 2a. This answer will vary from day to day depending on the cars running that day.*
- 3a. 16 minutes and 20 seconds.*

WAVE SWINGER

- 1a. About 2:30*
- 1b. About 34 minutes and 30 seconds*
- 2a. 48*
- 2b. About once or twice*
- 2c. About 600*
- 2d. About 7200*
- 3a. 180*

CAROUSEL

- a-c Number of horses / 58*

POWER SURGE

- a-b. 20, 8*
- a. Divide (37)*

MOTORAMA

- a-b. Answers may vary*
- a. 11 cars*
- b. Answers will vary depending on the number of cars being used daily*

CROW'S NEST FERRIS WHEEL

- a. Reasonable estimates (find average of student responses)*
- b. 90 feet*
- c. Count lights on gondolas (many possible strategies)*