PlayStation™

NTSC | U/C

GoogolFest—Adventure 6
"Moon Feast Isle" and "Arcade Isle"

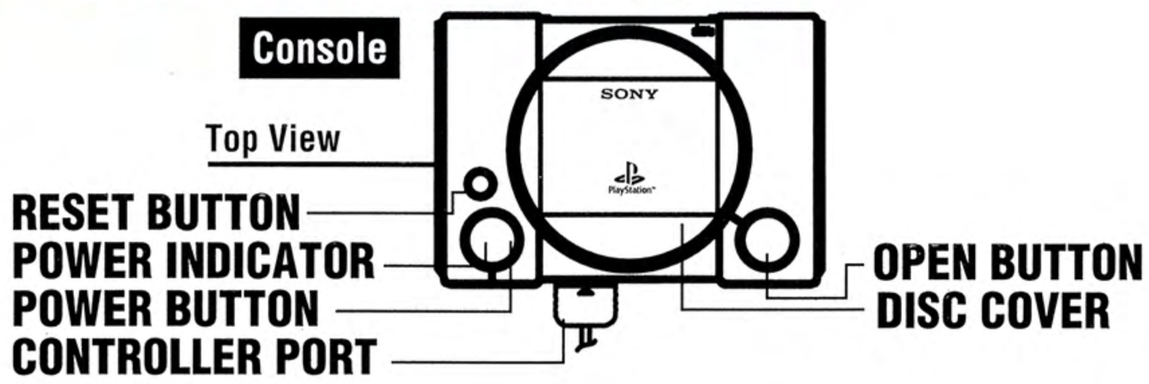
lightspan™ adventures

In this Lightspan Adventure your child will apply mathematical concepts and skills to help the Googolians with various tasks and aid Chef Pierre in the preparation of a Googolian feast.

LEARNING OBJECTIVES

- Solve problems using addition, subtraction, or multiplication
- Arrange numbers into pairs in which sums are equal to a given number
- Determine the difference between two given numbers
- Use a calculator
- Use problem-solving strategies

Getting Started



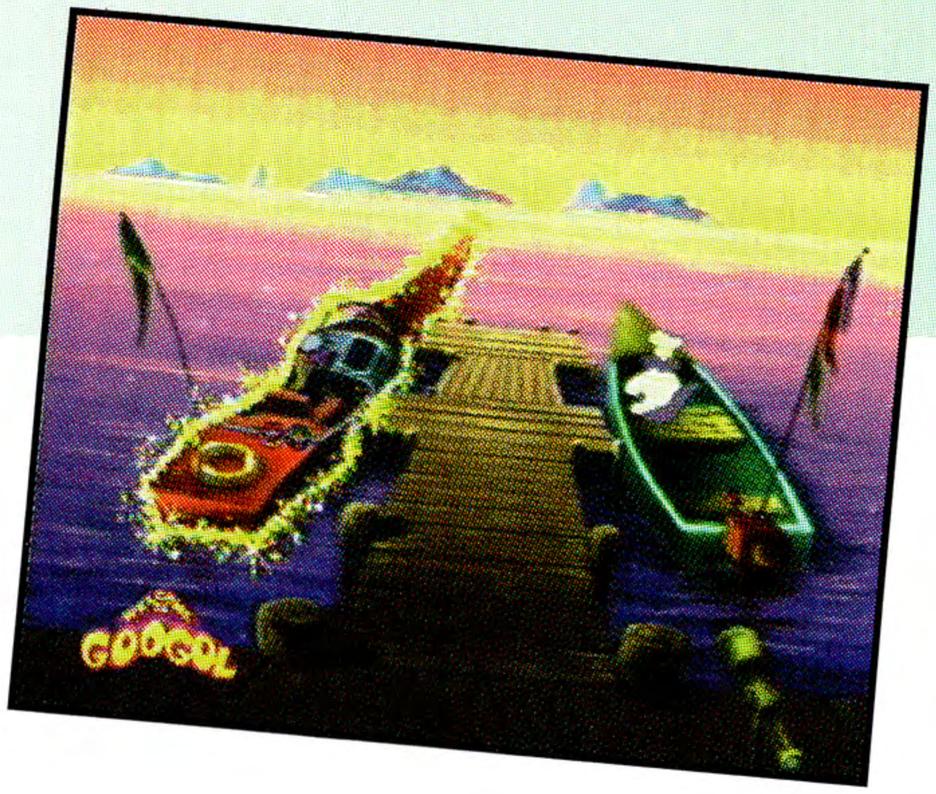
Set up the PlayStation™ game console according to the instructions in the Instruction Manual. Make sure the power is off before inserting or removing a compact disc. Insert *The Secret of Googol—Googolfest* "Moon Feast Isle" and "Arcade Isle" disc and close the CD door. Insert the game controller and turn on the PlayStation game console. Follow the instructions on the television screen to start a game.

- Use the **X button** on the PlayStation controller for clicking.
- At the opening screen, click the golden **apple-shaped TV** to see the introductory story.
- Click the **speakers** to watch the Googol music video.
- Click the **map** to go to the games.
- To begin the games, click either the **"Moon Feast Isle"** or **"Arcade Isle"** boat. Notice that the pointer sometimes turns into an infinity symbol (this looks like a sideways figure eight). When you see the infinity symbol, click to begin an activity or perform a task.

- Three game levels provide your child with increasing challenges. Select Level **1, 2,** or **3.**
- The **Mathmatron** in the bottom-right corner of the screen allows your child to return to the opening screen, view the introductory story, or look at the Progress Map to see what games have been completed.
- To return to the previous screen, click the **arrows** that appear when you move to the upper corners of the screen.
- For help, click **Cali** in the lower-right corner of the screen.

"Arcade Isle"

In "Arcade Isle" your child will help the Googolians with their island tasks by playing fast-action, arcade-style games that demonstrate the practical value of having mathematical skills.



Banana Grab

In Banana Grab your child will compete against a monkey to complete an equation that equals a given sum and reach the banana first.

Have your child:

- decide how fast to play the game by selecting one of four speeds
- stack enough crates to be able to reach the banana
- click the **blue Googolian** to have him grab the banana before the monkey grabs it

Falling Drums

In this activity your child must quickly arrange the falling drums so that the sum of each pair adds up to a given number. Have your child:

- click to place a drum on the drummer's left or right hand to make the numbers add up to the number on the screen
- repeat until all drummers have the correct numbers on their drums

Crane Game

The Crane Game challenges your child to decide how many items to add or subtract from a given set to equal a second set. Have your child:

- look at the number on the truck and compare it to the number of boxes on the crane.
- click **add** or **subtract** to make the number of boxes on the crane match the number of boxes on the truck, then click the **equals (=)** sign.

"Moon Feast Isle"

In "Moon Feast Isle" your child will use mathematics skills to help Chef Pierre complete the tasks needed to prepare a meal at Chez Googol.

Ask your child what his or her favorite dish is. What are some of the ingredients?

Food List

In this activity your child will use computation skills to determine how many food items are needed to complete the food order at Chez Googol.

Have your child:

- click the **chalkboard** to begin
- click the **food items** and place them on each plate if he or she is playing at Level 1 or 2
- click the **number counter** to enter the correct number of food items on each plate if he or she is playing at Level 3

Shopping List

Your child will practice comparing what is available with what is needed to create a shopping list. Have your child:

- click the **shopping list** on the table
- compare what is needed with what is on hand, then click the counting device to the right
- click the **"thumbs-up sign"** when finished

Food Purchase

Once your child completes the shopping list, he or she can go to the market to shop for the ingredients. Have your child:

- click the **door** to enter the market
- view the shopping list
- choose the food needed and the best deal available
- buy the correct amount of food needed to fill the shopping list

Discuss with your child the preparation of the next family meal—when the preparation will begin, how many servings will be prepared, etc.

Make Tea

Your child will practice addition skills while adjusting water levels to maintain the desired amount of tea. Have your child:

- click the silver **teapot**
- fill the desired number of tea cups
- keep the level at 10 cups by adding the correct amount of water

Mix Food

In this activity your child will combine ingredients to create the meal by matching a given target number. Have your child:

- check the list
- place the extra items in the basket
- click the **wok** to mix the food items
- click the **wooden spoon** after putting in each item
- continue until the list is done

Cashier

Your child will use the cash register as a calculator to find out whether Chez Googol has made or lost money at the end of the evening. Have your child:

- see how much money was made by entering the receipts in the cash register
- click the **receipt,** then use the cash register to add or subtract to find the profit

Extending the Learning Experience
Family Activities

Measuring Up

Let your child make a pitcher of juice from frozen concentrate. Together, read the directions on the container, then let your child measure the water and stir the juice.

The Meal Deal

Have your child help you write menus for next week's meals. Together, find ingredients that you have already and create a list of those you will need to buy to prepare the meals.

Be a Sport

Together with your child, go to a sports event or watch one on TV. Talk about the number of players on the field and the rules of the game. Together, keep track of the score, the playing periods, the errors, or any other statistics.

WARNING: READ BEFORE USING THE PlayStation™ GAME CONSOLE.
A very small percentage of individuals may experience epileptic seizures when exposed to certain light patterns or flashing lights. Exposure to certain patterns or backgrounds on a television screen or while playing video games, including games played on the PlayStation™ game console, may induce an epileptic seizure in these individuals. Certain conditions may induce previously undetected epileptic symptoms even in persons who have no history of prior seizures or epilepsy. If you, or anyone in your family, has an epileptic condition, consult your physician prior to playing. If you experience any of the following symptoms while playing a video game—dizziness, altered vision, eye or muscle twitches, loss of awareness, disorientation, any involuntary movement, or convulsions—IMMEDIATELY discontinue use and consult your physician before resuming play.

WARNING TO OWNERS OF PROJECTION TELEVISIONS:
Do not connect the PlayStation™ game console to a projection TV without first consulting the user manual for your projection TV, unless it is of the LCD type. Otherwise, it may permanently damage your TV screen.

HANDLING THE PlayStation™ DISC:

- This compact disc is intended for use only with the PlayStation™ game console.
- Do not bend it, crush it, or submerge it in liquids.
- Do not leave it in direct sunlight or near a radiator or other source of heat.
- Be sure to take an occasional rest break during extended play.
- Keep this compact disc clean. Always hold the disc by the edges and keep it in its protective case when not in use. Clean the disc with a lint-free, soft, dry cloth, wiping in straight lines from center to outer edge. Never use solvents or abrasive cleaners.

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