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> Osmo Tangram Instruction Manual

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Interactive Learning Game

1. INTRODUCTION

The Osmo Tangram game combines physical play with digital interaction to create an engaging learning experience. Players use seven geometric puzzle pieces, known as tangrams, to form various shapes and figures displayed on a tablet screen. The Osmo system uses a reflective mirror over the tablet's camera to recognize the physical pieces placed in front of it, providing real-time feedback and guiding players through challenges.

This manual provides essential information for setting up, operating, and maintaining your Osmo Tangram game, ensuring a smooth and enjoyable experience.

2. PACKAGE CONTENTS

Please verify that all components are present in your Osmo Tangram package:

- **Seven (7) Tangram Pieces:** These are the physical geometric shapes used for gameplay.
- **Storage Tray:** A tray designed to hold and organize the tangram pieces when not in use.

Note: The Osmo Base (which includes the tablet stand and reflective mirror) and a compatible tablet are required for gameplay and are sold separately.

3. SETUP

Follow these steps to set up your Osmo Tangram game:

1. **Download the Osmo App:** If you haven't already, download the main Osmo app from your tablet's app store (e.g., Apple App Store, Amazon Appstore).
2. **Assemble the Osmo Base:** Place your compatible tablet into the Osmo Base. Ensure the red reflective mirror is correctly positioned over the tablet's camera. The mirror allows the tablet to 'see' the play area in front of it.
3. **Launch the Osmo Tangram Game:** Open the main Osmo app. From the app's home screen, select and launch the Tangram game. If it's your first time, the app may prompt you to download the specific Tangram game content.
4. **Create/Log In to Osmo Account:** Follow the on-screen instructions to create a new Osmo account or log in to an existing one. This is necessary to save progress and access all features.

5. **Calibrate (if prompted):** The app may guide you through a brief calibration process to ensure the camera accurately recognizes the play area.

Your Osmo Tangram game is now ready for play.

4. OPERATING THE GAME

Playing Osmo Tangram involves arranging physical pieces to match on-screen puzzles:

- **Game Objective:** The goal is to recreate the shape displayed on your tablet screen using all seven physical tangram pieces.
- **Placing Pieces:** Place the tangram pieces directly in the play area in front of your tablet. The Osmo system will recognize the pieces and their orientation in real-time.
- **Real-time Feedback:** As you place pieces, the on-screen image will update, showing which parts of the puzzle you have correctly completed.
- **Difficulty Adjustment:** The game offers various difficulty levels. You can often adjust settings within the game to show colored outlines of the pieces for easier play or black outlines for a greater challenge. Difficulty typically progresses as you complete puzzles.
- **Progression:** Successfully completing puzzles unlocks new challenges and levels, gradually increasing in complexity.

5. MAINTENANCE

Proper care ensures the longevity and functionality of your Osmo Tangram pieces:

- **Cleaning Pieces:** Wipe the tangram pieces with a soft, dry, lint-free cloth if they become dusty or smudged. Avoid using abrasive cleaners or excessive moisture, as this may damage the material or affect recognition.
- **Storage:** Always store the tangram pieces in their designated storage tray when not in use. This prevents loss and keeps them organized.
- **App Updates:** Regularly check for and install updates for the Osmo app and the Tangram game. Updates often include performance improvements, bug fixes, and new content.
- **Osmo Base Care:** Keep the reflective mirror clean and free of smudges for optimal camera recognition. Use a soft cloth to gently wipe the mirror if needed.

6. TROUBLESHOOTING

If you encounter issues while using Osmo Tangram, refer to the following common problems and solutions:

- **Pieces Not Recognized by the App:**
 - Ensure the play area is well-lit. Shadows or dim lighting can interfere with recognition.
 - Check that the reflective mirror is correctly positioned over the tablet's camera and is clean.
 - Verify that the tangram pieces are placed flat within the designated play area.
 - Clean the tangram pieces if they are dirty or smudged.
 - Restart the Osmo app and, if necessary, restart your tablet.
- **App Crashing or Freezing:**
 - Close and reopen the Osmo app.
 - Restart your tablet.
 - Ensure your tablet's operating system and the Osmo app are updated to the latest versions.

- Verify your tablet's compatibility with Osmo products. Some older or specific tablet models (e.g., certain generations of Fire HD 10) may have compatibility issues.
- **Login or Account Issues:**
 - Check your internet connection. An active connection is required for account login and saving progress.
 - Double-check your username and password.
 - If you forgot your password, use the 'Forgot Password' option within the app or on the Osmo website.
- **Game Not Progressing or Stuck:**
 - Ensure all seven tangram pieces are used and correctly placed to complete the on-screen shape.
 - Sometimes a slight adjustment of a piece can help the app recognize the completed puzzle.
 - If the issue persists, try restarting the puzzle or the game.

7. SPECIFICATIONS

- **Product Name:** Osmo Tangram
- **Components:** 7 physical tangram pieces, 1 storage tray.
- **Required Accessories (Sold Separately):** Osmo Base (for iPad or Fire Tablet), compatible iPad or Fire Tablet.
- **Recommended Age:** Typically 6-10+ years, but varies by individual skill level.
- **Compatibility:** Compatible with most iPad and Fire Tablet models. Refer to the official Osmo website for a detailed list of supported devices.

8. WARRANTY AND SUPPORT

Osmo products are designed for durability and educational value. For specific warranty information regarding your Osmo Tangram game, please refer to the official Osmo website or the documentation included with your Osmo Base kit.

If you require technical assistance, have questions about gameplay, or need to report a defective product, please contact Osmo Customer Support through their official website. Support resources typically include FAQs, troubleshooting guides, and direct contact options.

Official Osmo Website: www.playosmo.com

9. MEDIA INTEGRATION INFORMATION

No product images or official product videos were provided in the input data for embedding in this manual.