



# Getting Started with Osmo Math Wizard & the Secrets of the Dragons

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# Table of Contents

Table of Contents	2
What's Included?	4
Learning and Game Objectives	5
Main Menu Navigation	6
Sky Castle: Using Your Postcard	7
Sky Castle: Adding the Dragon Reserve Visitor Center	8
Sky Castle: Adding The Blue Brew Cafe (Optional)	9
Lost Your Postcard?	10
'Secrets of the Dragons' Game Setup	11
Discovering New Dragons	12
Feeding Dragons	13
Wild Biomes Map	14
Exploring the Wild Biomes	15
Finding & Hatching Dragon Eggs	16
Raising & Releasing Dragons	17
Petting your Dragons	18
Finding and Placing Dragon Hats	19
Unlocking Dragon Secrets	20
Merit Badges and Dragon Scout Levels	21
Best practices for effective Osmo detection	22
Other Questions	23

# What's Included?

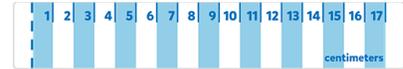
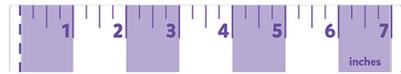
## 1 Dragon Reserve Postcard



## 1 Dragon Guidebook



## 2 Rulers (inches and centimeters)



## 62 Food Tiles



5 x Pistachio



4 x Banana



2 x Crepe



5 x Cherry



4 x Popsicle



2 x Corn Cob



5 x Orange



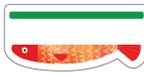
4 x Hot Dog



2 x Churro



5 x Red Onion



4 x Fish



2 x Carrot



5 x Avocado



2 x Sandwich



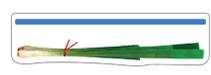
2 x Swordfish



5 x Sausage



2 x Octopus



2 x Green Onion

Don't forget to also grab your Osmo iPad or Fire Base!

(Base not included with Math Wizard & the Secrets of the Dragons)



**iPad Base**



**Fire Base**

# Learning and Game Objectives



## Learning Objectives

Secrets of the Dragons focuses on both standard and non-standard measurement. Children will learn how to measure dragons using food tiles as non-standard units and inches and centimeters rulers.

## Game Objectives

Grab your Guidebook and your food pieces to explore the wild dragon biomes! Earn each dragon's trust and help raise them from dragon eggs to adulthood! Discover, measure, and feed all sorts of dragons as you earn Merit Badges and progress through the Dragon Scout rankings.

# Main Menu Navigation

## Accessing your myOsmo Account

From either the Secrets of the Dragons Main Menu or Sky Castle, tap  (or your avatar, if you're already logged in) in the upper right corner to view the myOsmo account screen. See this [guide to myOsmo accounts and profiles](#) for more information.

## Language

The default language automatically selects based on the default language setting of your device. Secrets of the Dragons is currently offered in English (US, AU, UK, CA), Chinese (Simplified and Traditional), Japanese, French (FR, CA), German, Italian, Dutch, Swedish, Danish, Spanish, and Norwegian.

## Start Playing

Tap  to start playing Secrets of the Dragons. If this is your first time playing, the game should walk you through how to play.

## Returning to Sky Castle

Tap  to go back to Sky Castle.

## Resetting Progress

You can reset your game progress from the Secrets of the Dragons Main Menu. Tap  in the upper left corner, then tap "Reset Progress". Be careful! All progress and unlocks will be lost and reset. Note that if you want to reset your Sky Castle instead of Secrets of the Dragons, you should access settings from Sky Castle instead.

## Game Settings

You can edit the game settings from the Main Menu.

Tap  in the upper left corner to access the Sound settings.

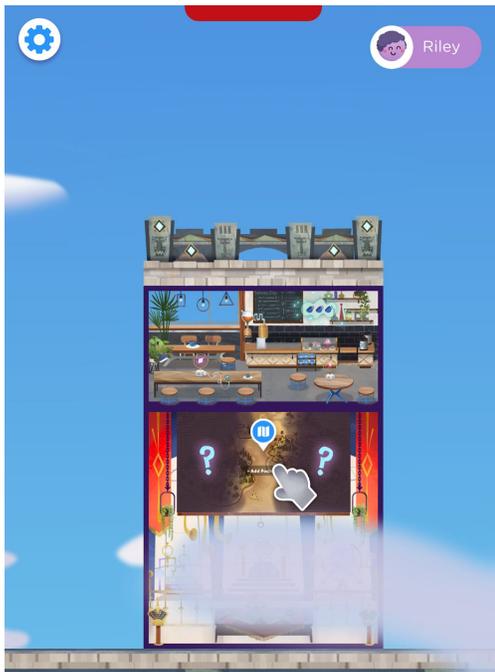
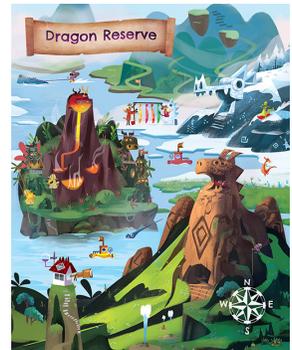
**Sound:** There are 3 individual sliders for controlling volume: Sound FX, Voice, and Music.

# Sky Castle: Using Your Postcard

Every game you own in the Math Wizard series can be accessed through Sky Castle. Sky Castle is a home where you can place rooms that lead to games. To play the Secrets of the Dragons, you'll need to use your postcard to unlock and place the Dragon Reserve's Visitor Center room into your Sky Castle.

Once you open the app, you'll enter Sky Castle and can use your postcard to unlock the Dragon Reserve's Visitor Center.

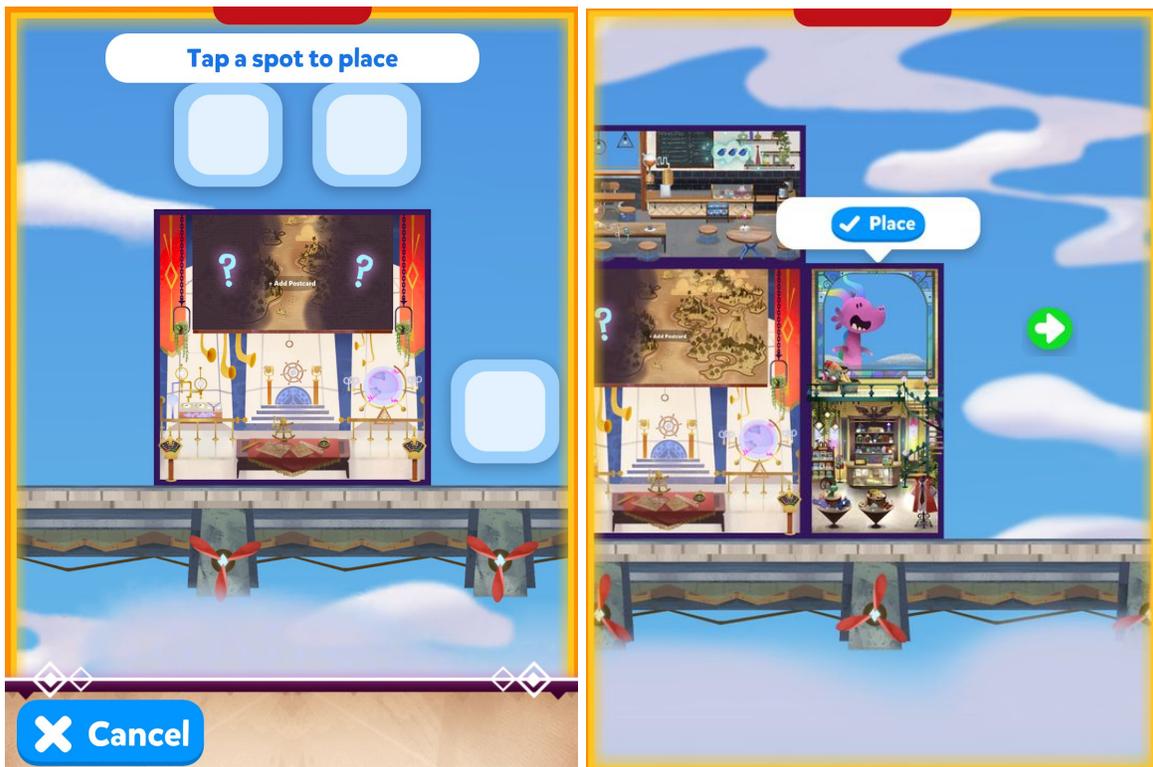
1. When Mumbles asks if you have a postcard, select **Yup!**.  
*Note:* You can still add the postcard even if you select **Nope!**
2. Tap on the navigation room. It's the bottom room with a large map!
3. Next, tap **+ Add Postcard**
4. Place the Postcard in front of your device as pictured. You've now added the Dragon Reserve to your map!



# Sky Castle: Adding the Dragon Reserve Visitor Center

Now we can add the Dragon Reserve's Visitor Center and enter the game!

1. When the Osmo reads your postcard, you will unlock the Visitor Center.
2. In the bottom right corner, tap **+ Add** to bring up the rooms menu.
3. Next, tap the **+ Add** button on the Dragon Reserve's Visitor Center.
4. In your Sky Castle, tap on any spot to place the room. You've added the Visitor Center!



## Sky Castle: Adding The Blue Brew Cafe (Optional)

You can also add The Blue Brew Cafe, access portal for the game Card Duel:

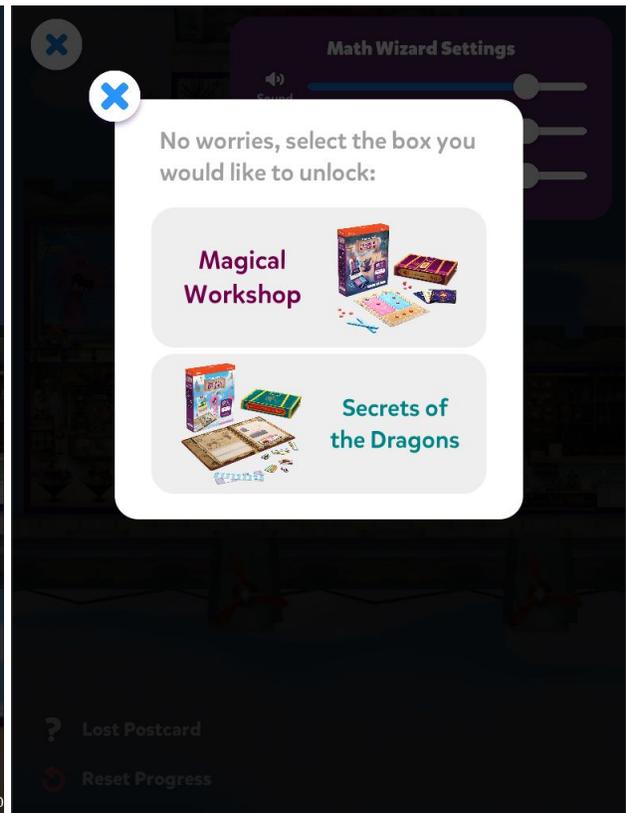
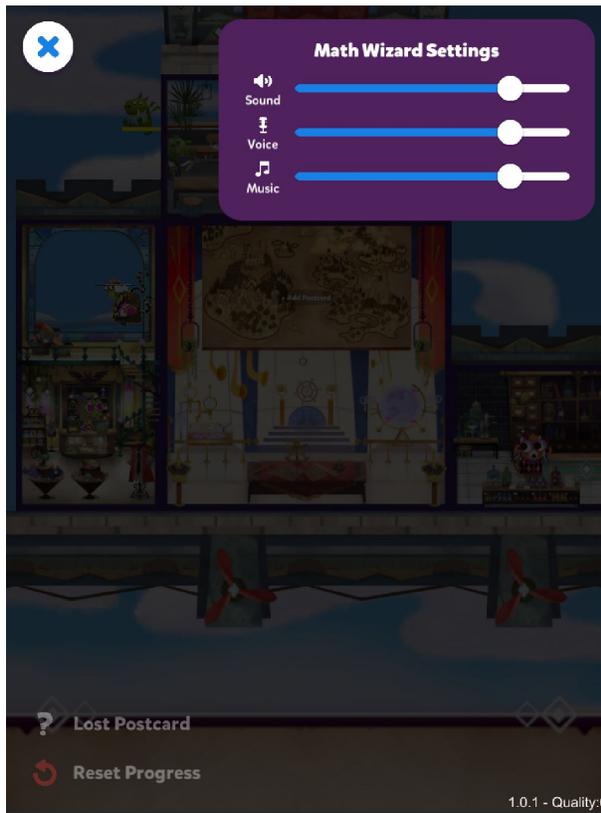
1. In the bottom right corner of your screen, tap **+ Add**
2. Next, on the room menu that appears, tap **+ Add** on The Blue Brew Cafe.
3. In your Sky Castle, tap on any spot where you'd like to place the cafe.
4. Place the cafe by tapping **✓ Place**



# Lost Your Postcard?

If you can't find your postcard:

- In the top right of the screen in Sky Castle, tap  from Sky Castle
- Next, tap  in the bottom left
- Lastly, select “Secrets of the Dragons”



# 'Secrets of the Dragons' Game Setup

To start playing the game, grab your Osmo Base, Dragon Guidebook, Rulers and Food pieces!

1. Set up your tablet device in your Osmo Base. Make sure you have the Math Wizard game app installed and the Dragon Visitor Center room placed in your sky castle.
2. Take out the tray of food pieces from your Dragon box. Place the food tray and other game pieces within easy reach
3. Tap on the  above Morty, then on the next pop up, tap  to start loading the game.
4. Once the game has loaded, tap  to start playing!



# Discovering New Dragons

Your Dragon Scout training starts off in the Dragon Reserve! Kimmie starts your first day by showing you how to measure a newly discovered dragon using one of the rulers in your dragon box.

1. To start measuring a dragon, open your Dragon Guidebook and find the page with the dragon that matches the one on screen. Place the page with the correct dragon in front of the device.



2. Next, the game will ask you to use the ruler with inches or centimeters. Find the correct ruler and line it up along the dragon on the page.
3. Measure the dragon on the page and use your index finger to point at where the dragon's snout ends on the ruler.



4. Keep your finger on the ruler until the circle dial on the screen is filled. The button in the lower right corner will turn purple.
5. Tap  to submit your answer!

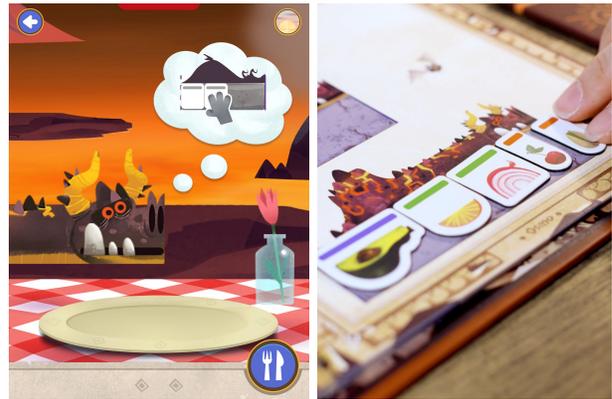


# Feeding Dragons

Taking care of the dragons means making sure that they're well fed with their favorite or requested food. In both the wild biomes and in the Dragon Reserve, you'll need to feed the dragons when they're hungry!

1. To start feeding a dragon, open your Dragon Guidebook and find the page with the dragon that matches the one on screen. Place the page with the correct dragon in front of the device.
2. Some dragons will ask for one specific food type. These requests will appear in the dragon's speech bubble.
3. Other dragons will want to eat more than one food type. Choose any combination of food types to feed them.
4. Place the food tokens on the page to measure the dragon from tail to snout. This fills the dragon up with food!
5. If they didn't request a specific food item, the dragon will show an emoji reaction to let you know if they like the food you've chosen for them.
6. Tap  to feed the dragon!

*Note:* Be sure to measure the dragon with the correct amount of food or else you might over or under feed them!



# Wild Biomes Map

Dragons live in different wild biomes! Use the map to travel to each area and find hidden dragons. There are 5 wild biomes, each with 4 unique Dragon species.

Starting from top and going clockwise, the map locations are:

- Misty Mountain, home of the Sky Dragons
- Snow Valley, home of the Ice Dragons
- Enchanted Forest, home of the Grass dragons
- Fire Island, home of the Lava Dragons
- Dolphin Bay, home of the Water Dragons

And in the middle of the map is the Dragon Reserve, your home base.



## Using the Map

1. The map can be accessed by tapping  on the bottom of your screen.
2. Tap on any unlocked biome to go there. You can also go back to the Dragon Reserve by tapping on its location in the center of the map.

## Unlocking a New Biome

1. When you start the game, you'll only be able to travel to the Dragon Reserve or the Enchanted Forest.
2. Every time you reach a new Dragon Scout level, you can unlock a new biome.
3. To unlock a new biome, go to the map screen and then tap on any of the  to unlock that biome

# Exploring the Wild Biomes

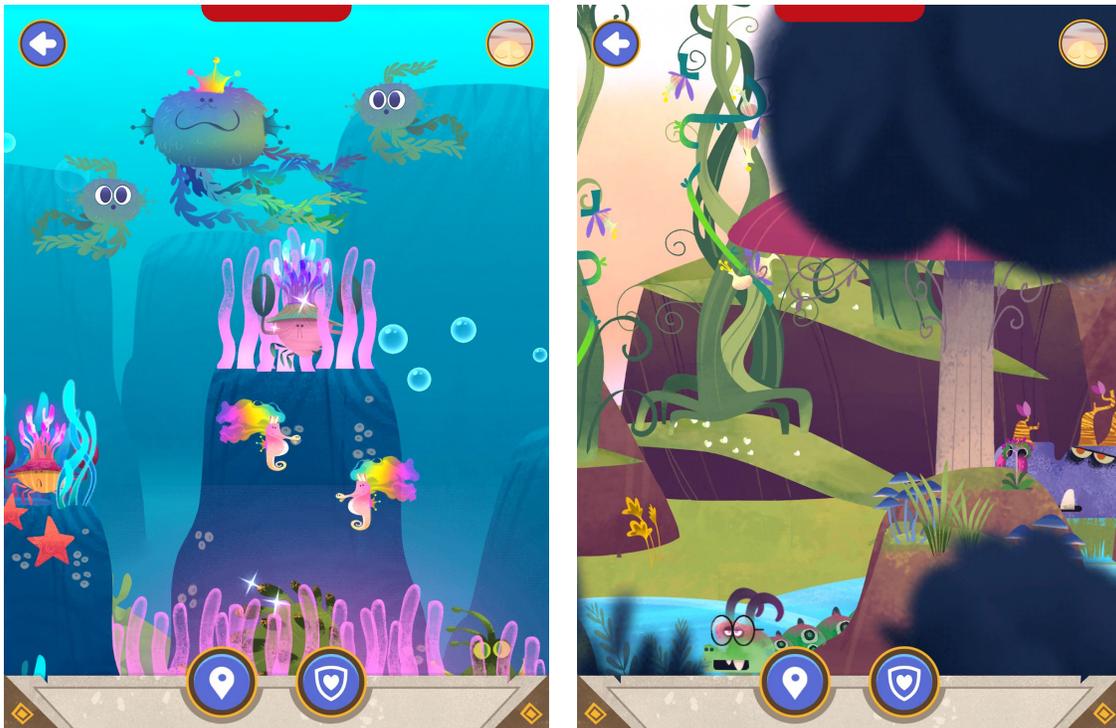
Search and explore each biome to discover dragons hidden in the environment.

1. When you enter the biome, swipe the screen from side to side to search the entire biome.
2. Keep an eye out for dragons. When you see a dragon, tap on them to interact with the dragon.

*Note:* Some dragons appear more rarely than others. Try to discover them all!

*Game play tip:*

- The dragons will fly in and out of the biomes at different times of the day.
- If you don't see any dragons in a particular biome, try coming back at a different time of day. At the top right of the screen, an icon shows the time of day (morning, afternoon or evening). The time of day passes with each in game action that you do.
- In the meantime, you can still explore other biomes or take care of the dragons in your Dragon Reserve!



# Finding & Hatching Dragon Eggs

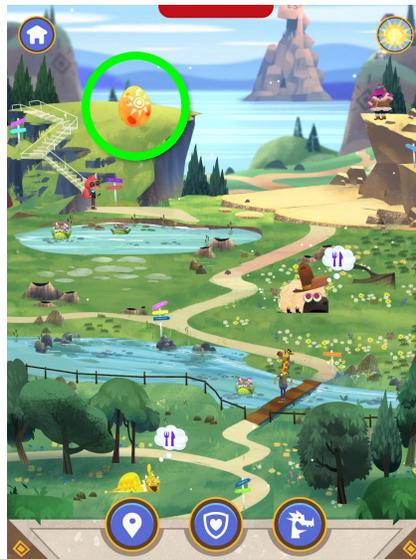
The more you interact with the dragons, the more they'll start to trust you! When you earn a dragon's trust, they'll leave you an egg to care for in the Dragon Reserve.

Each wild biome has a unique type of egg:



To find and hatch a dragon egg:

1. When a dragon leaves an egg for you, find and tap on the egg. Morty will help you teleport the egg back to the Dragon Reserve.
2. Tap  to go back to the Dragon Reserve and tap on the egg to hatch the baby dragon.
3. After your egg has hatched, tap on  to name your new baby dragon.
4. You can also change the color of the dragon's name plate. Tap  to pick a new color.



# Raising & Releasing Dragons

After your baby dragon hatches, they'll need care and feeding so that they can grow old enough to be released back into the wild biomes.

To feed a dragon in the Dragon Reserve:

1. Look for hungry dragons who have a  next to them. Tap on the dragon to zoom in.
2. The dragon will either request a specific food item or allow you to choose what to feed them.
3. If the dragon wants to eat a specific food item or items, the food will appear in the dragon's speech bubble.
4. Otherwise, if the dragon shows a generic food request in their speech bubble, you can feed any food items.
5. Keep feeding your dragons and they will grow from baby, to teen and then to adult!
6. When the dragon is fully grown, they will leave the Dragon Reserve and go back to wild biomes. Their spot in the Dragon Reserve is now open for you to bring back a new baby dragon.

*Note:* There are only six dragon nests in the reserve, so you can only take care of a maximum of six dragons at any given time.



# Petting your Dragons

Growing dragons need more than just food - they need love too! In your Dragon Reserve, you can pet your dragons and earn happiness hearts.

To pet a dragon in the Dragon Reserve:

1. If the dragon is hungry, they don't want to be petted! Tap on a dragon who isn't hungry.
2. Tap and move your finger along the dragon to pet them.
3. When petting a dragon, watch their reaction. If you pet them nicely they might give you some hearts!



# Finding and Placing Dragon Hats

Dragons love wearing hats! Search for new hats in the wild biomes and bring them back to the Reserve to place on your dragons.

To place a hat on your dragons:

1. While in the Dragon Reserve, tap on a dragon who isn't hungry.
2. Tap on any of the hats to place it on the dragon. Tap the hat again to remove it.



To find a new hat in the biomes:

1. Earn merit badges to reach the third Dragon Scout level of Fledgling.
2. Go to any of the wild biomes to explore and feed more dragons.
3. While in the wild biomes, keep an eye out for little critters wearing hats! The hats will sparkle to catch your eye.
4. Tap on a hat to collect it!



# Unlocking Dragon Secrets

When you release an adult dragon in the Dragon Reserve, they'll tell you one of their dragon secrets! Each dragon species has three secrets to collect, for a total of sixty secrets.

To unlock a new dragon secret:

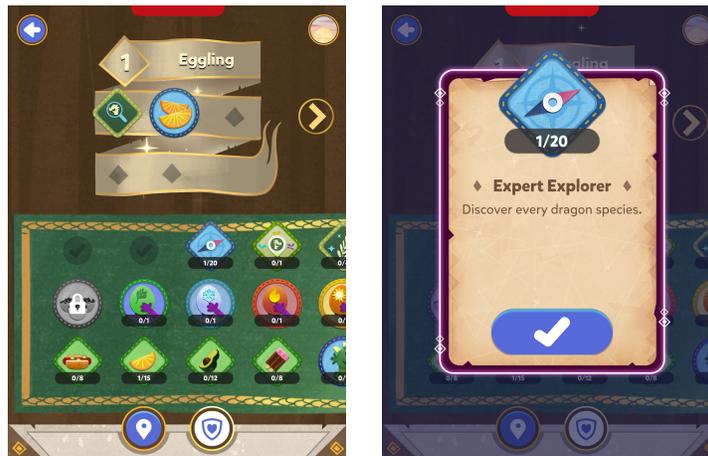
1. Raise any dragon to adulthood and release them back into the wild!
2. The dragon will give you a secret. Tap on  to view the secrets page
3. Tap on any card to view the secret you unlocked!
4. Release another dragon of the same species to unlock the next secret.



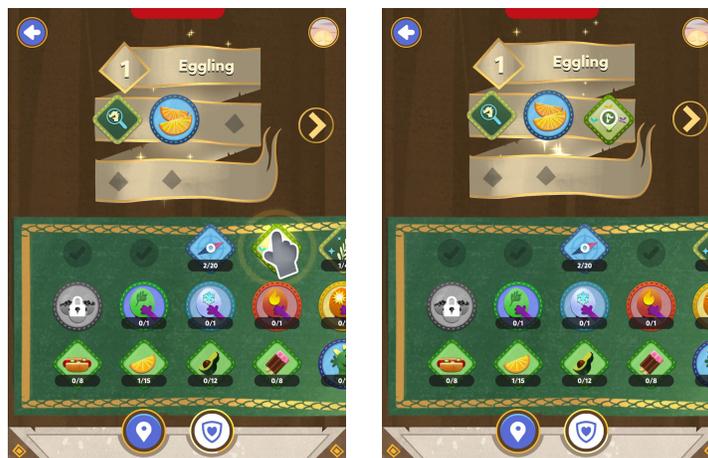
# Merit Badges and Dragon Scout Levels

As you learn and discover more about dragons, you'll earn merit badges and rise up the Dragon Scout ranks. Earn all the badges to earn the title of Dragonologist!

1. To view the merit badge screen, tap  on the bottom of the screen.
2. At the top of the merit badge screen, you can view the Dragon Scout sashes. Tap  or  to see each sash.
3. At the bottom of the screen are all of the merit badges that you haven't earned yet. Tap on any badge to view more details about how to earn that badge.



4. After you've earned a new merit badge, tap on it to add it to your Dragon Scout sash. Earning any 5 badges will level you up to the next Dragon Scout tier.



## Best practices for effective Osmo detection



**iPad Base**



**Fire Base**

1. Keep hands and fingers away from the pieces after placing them so that Osmo can see it.
2. Keep the reflector centered along the top edge of your device so the camera can see the play space.
3. Keep the pieces close to your device so the camera can see them.
4. Play The Secrets of the Dragons in a well lit room.
5. If your table top or surface is a dark color, it may be interfering with the software detection. Try placing an 8.5 x 11 sheet of white paper on the tabletop, and then the pieces on top of the paper.
6. Make sure you are using a device that is compatible with Osmo. Please check [this updated list](#).
7. If you experience any issues despite this setup, please reach out to us for assistance through this form: <https://support.playosmo.com/hc/en-us/requests/new>.

# Other Questions

## What do I do if I lose a piece?

Please reach out to us for assistance through this form:  
<https://support.playosmo.com/hc/en-us/requests/new>.

## Can I clean the pieces?

### Food Tiles

If you accidentally spill liquids or water on the food pieces, towel dry them carefully, thoroughly and quickly to ensure no damage occurs. Pay special attention to the edges of the food tiles, which are more vulnerable to water damage.

Note that any kind of dry erase, wet erase, or other markers will permanently stain and ruin the food tiles.

### Rulers

The rulers can be cleaned with a damp or dry cloth. Please avoid using any cleaning solvents as this may remove paint from the surface of the ruler.

## Can I write in my Dragon Guidebook?

Yes you can! The left side of every page spread has two blank sections for you to write in your dragon knowledge. Write each dragon's favorite food in the top section and their measurements below that. Please avoid writing on the right side of the page spread, as this will prevent the Osmo from seeing your Guidebook page during gameplay.