

THE CASE OF THE DOOBLES, SNOOBLES, AND OOBLES



YOUR MISSION:

It's a case for the Odd Squad: Dangerous Doobles are on the loose, and agents must work together to quickly find them all and put things right again. Only with stellar sorting and classifying skills will agents be able to separate the Doobles from their creature cousins and send them back to Headquarters before they turn everything upside down!

LEARNING GOALS:

- Sort and classify items based on attribute (i.e. identify unique features and group like items together).
- Record observations in a chart.

MATERIALS:

- [Doobles, Snoobles, and Oobles Printable Creatures](#) page
- Handout: [Creature Features Chart](#)
- Four different toys used for building: for example, a wooden block, a Lego®, a bristle block, a large cardboard brick
- Three envelopes; color one of the envelopes red
- A plain manila folder to use as the **case file**. You can attach the [Odd Squad Seal](#) (included in this packet) to the front and put the activity pages inside.



PREPARATION:

- Find the Odd Squad episode **How to Interrogate a Unicorn** and the accompanying training video (approx. 12 minutes total) online at pbskids.org/learn/oddsquad/afterschool.
- Set your building toys on a table.
- Cut out the [Doobles, Snoobles, and Oobles](#) from the printable page and hide them around the room.
- Print out the [Creature Features Chart](#) (one per child).
- Prepare your case file.

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IMPLEMENTING THE ACTIVITY:

- Help the children settle down by completing a fun, focusing task that explores sorting and classifying. Ask them to line up and name three things that they have in common with the person standing to their right and three things that they do not have in common. They can do the same with the child on their left before they take their seats.
- Once the children are focused, view the episode **How to Interrogate a Unicorn** (and the accompanying training video) with the group. Before you begin, ask the children to pay attention to how Olive and Otto sort items by grouping like objects together. After you watch, ask: *What did Olive and Otto do to figure out what the characters in the book had in common?* (They made a chart.)
- Tell the children that you've received a letter from the head of Odd Squad, Ms. O. Explain: *The Odd Squad needs our help. Are you ready to help crack a math case?* Read the **letter from Ms. O.** aloud (below).
- Engage the children in **Training and Casework**, then celebrate with a **Case Closed** learning recap (following pages).

Letter from Ms. O

Agents! There you are! Something very odd has happened. Don't look now, but dangerous Doobles are on the loose. These crazy creatures gobble up anything they see—windows, walls, even desks and chairs! I've just received a report that the Doobles have already invaded your room—along with some Snoobles and maybe an Ooble or two! Snoobles and Oobles won't hurt a thing, but they do look a lot like those dodgy Doobles. I need you to find all the critters that you can, and then separate the Doobles from their creature cousins and send them back to headquarters, STAT. That means right now! So, are you on the case? Then hurry, because Odd Squad needs you!



TRAINING:

1. Tell the children that in order to crack **The Case of the Doobles, Snoobles, and Oobles**, they will need to practice identifying an object's unique features, or *attributes*.
2. Show the children the different building toys you set out earlier. Draw a chart with four rows and three columns on the board. Along the side of your chart, draw a picture of each item or write its name. Above column 1, write "color," above column 2, write "size" and above column 3, write "use."
3. Explain: *We are going to practice identifying the unique features of each of these items. We'll be able to see what they have in common and how they are different. First, let's check to see if they are all the same color.* Investigate each item's color and fill in the "color" column.

continued

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TRAINING CONTINUED:

4. Next, check each item's size. You can measure each using a ruler or simply use descriptive words such as *small*, *medium* and *large*.
5. Finally, discuss each item's use. Ask the children to tell you what each item is used for. Help them to notice that each item is used to build things. *Yes! They are all used for building things. That's one thing they all have in common.*
6. As a group, you can talk about other things they have in common (perhaps shape or color) and the ways in which they are different.

CASEWORK:

1. Let the children know that it's time to crack **The Case of the Doobles, Snoobles, and Oobles**. Say: *We heard from Ms. O that Doobles, Snoobles and Oobles can be hard to tell apart. In order to tell which is which, we need to know exactly what the Doobles look like AND how they look different from Snoobles and Oobles. Just as we did with the blocks, we'll need to investigate these creatures' unique features, or attributes.*
2. Give each child a [Creature Features Chart](#). Point out the pictures running down the side of the chart and name each one. In teams of two, have children fill in the chart: counting how many eyes, legs and antennae each creature has, and filling in the corresponding box. As they work, they will discover ways that the creatures are similar and different.
3. Gather together and discuss the children's findings. Ask: *How many eyes does each one have? How many legs? Antennae? How will we be able to tell if something is a Dooble? What does a Dooble look like?*
4. Now go on a creature catch! Invite the children to search for and collect all of the Doobles, Snoobles and Oobles that you hid earlier. Once collected, the children should identify the unique features of each creature – the number of eyes, legs and antennae – and then refer to the chart to help them sort and classify each creature as a **Doble**, **Snooble** or **Ooble**.
5. Together, put the Doobles in a red evidence bag (envelope) so they can be sent to Odd Squad Headquarters for closer inspection. Place the Oobles and Snoobles in white envelopes to be shipped back to their strange homelands.

CASE CLOSED:

Gather the children back into a group.

Say: *Great work, agents! We've rid ourselves of those dangerous Doobles! As part of our training, we like to review what we learned from the case and enter it in the case file so that future agents-in-training can learn from it.*

Ask: *What are some ways that we can sort items? How can a chart help us?*

Write down the learnings/findings that the children share, close your case file and write **CASE CLOSED** across the front. Congratulate your agents on a case well-solved.

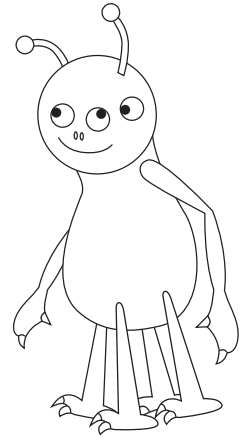
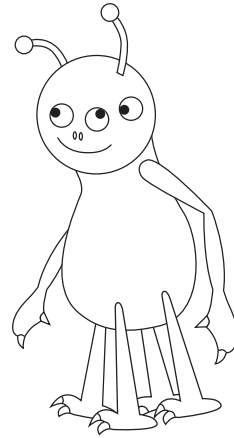
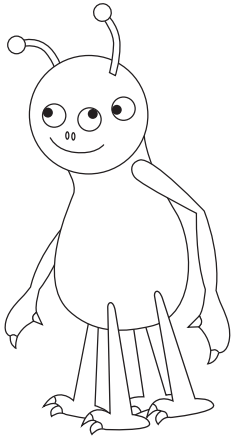
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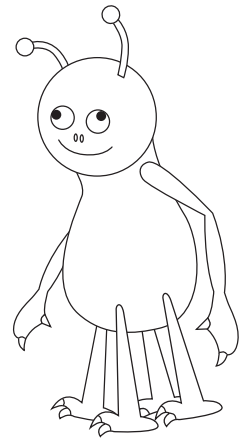
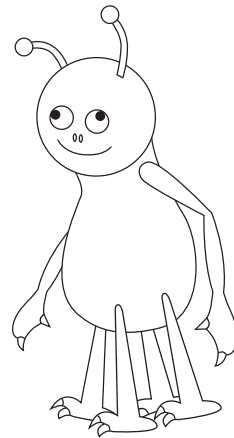
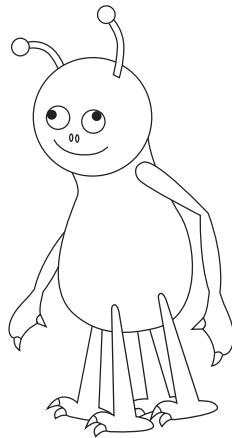
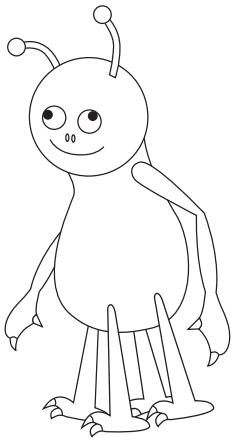
PRINTABLE CREATURES



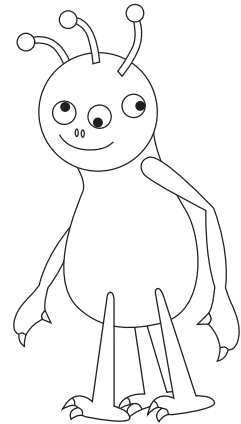
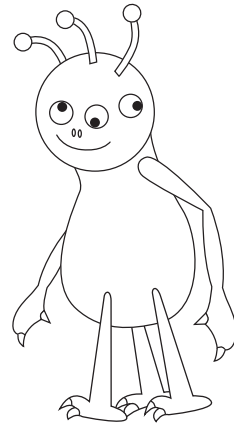
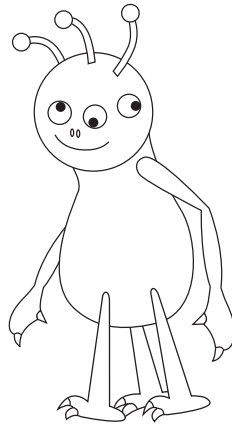
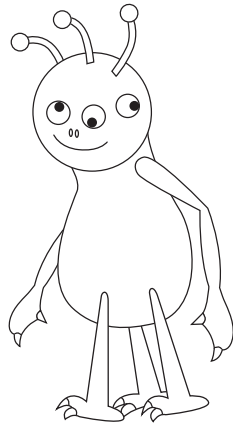
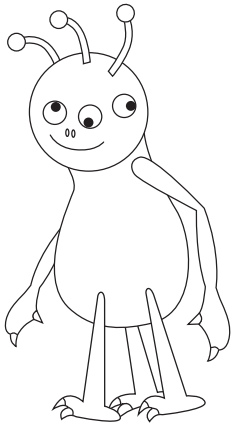
OOBLES



SNOOBLES



DOOBLES



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CREATURE FEATURES CHART

EYES

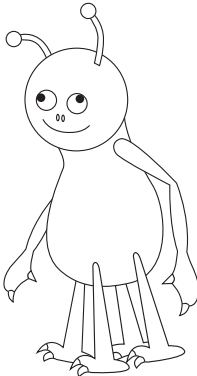
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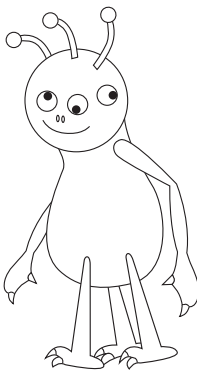
OUBLE



SNOUBLE



DOUBLE



	EYES	LEGS	ANTENNAE
OUBLE			
SNOUBLE			
DOUBLE			

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ODD SQUAD SEAL



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