

Ostrich Egg Volume



Engage and Reflect

Watch *Virtual Vitamin Z - Zoo Educational Lesson: Ostrich Spotlight*

<https://www.youtube.com/watch?v=ESHSwHaFATU>



Skills

- Fine motor skills
- Measuring
- Predicting



NGSS Science and Engineering Practices

- Using mathematics and computational thinking



Experience

- 5-10 minutes
- 1 or more people

Ostriches are the largest birds on earth. They live in groups and have communal nests where the female birds take turns incubating the eggs. They lay the largest eggs of any bird. How much liquid do you think it will take to fill an empty ostrich egg? Try this activity to find out!



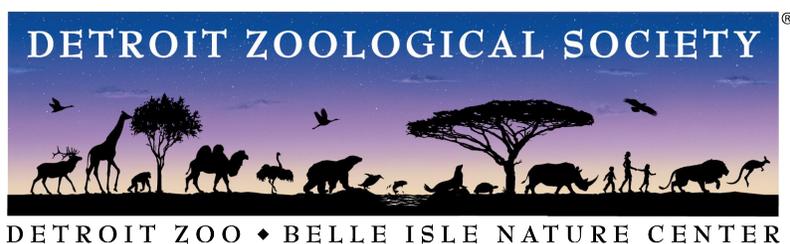
Celebrating and Saving Wildlife

Hannibul, the ostrich who lives at the Detroit Zoo, was rescued from a private owner who was unable to provide appropriate care for him. He went to a sanctuary in Michigan, before finding a forever home at the Detroit Zoo where he has a lot of space to spend his days exploring.

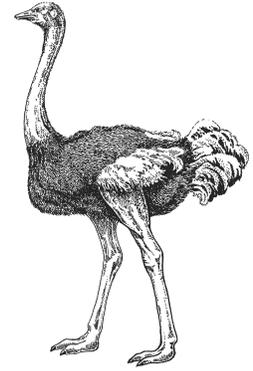


Take Action

Before you choose a companion animal, ensure you have the space, resources and expertise to care for the individual animal you are considering. Do some research and make an informed decision when opening your home to a new member of your family.



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Tools

Measuring cup

Water

Container

1 or more people

Directions

- How many cups of water do you think fit in an ostrich egg?
- Watch the video about ostrich to find out: <https://www.youtube.com/watch?v=ESHSwHaFATU>
- How many cups of water does your favorite cup hold? Is it more or less than an ostrich egg?

Notes - For very young learners, set up a water play table with measuring cups for them to play with, or add a set of plastic measuring cups to your bathtub toys. Young learners can help with cooking and baking by measuring out ingredients.