



Numbers

Special Activity

Osmo **GENIUS**
HOLIDAYS
MONTH

Let's Travel to the Mediterranean Sea!

From here, we're close to where Hanukkah first began. This Jewish holiday lasts for 8 nights!

Can you find
12 sea animals
and the
Grumpsicle?!



Goldband Goatfish




Tentacled Blenny



Mediterranean Monk Seal



Grumpsicle


To get started, open Osmo Numbers and then tap on this special button.

Genius Spotlight: Niki Russ Federman



Imagine if the job you have when you grow up is the same one that your dad, grandma, and great-granddad all had...in the exact same building, too. For Niki Russ Federman, that's real life! She is the co-owner of Russ and Daughters, a famous food shop and cafe in New York City.

Over 100 years ago, Niki's great-grandfather Joel started a shop to provide

his fellow Jewish neighbors with some of their favorite foods. His three daughters worked there growing up and became his business partners.

Russ and Daughters is the first business in the US to have "and Daughters" in its name. Businesses ending with "and Sons" are more common because family businesses were usually passed down to men.

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More about: Niki Russ Federman

Niki's grandma Anne was one of Joel's daughters. In 2009, Niki and her cousin Josh took over Russ and Daughters from her father. Under their leadership, the business expanded locations, becoming an even bigger part of its community. People around the world come to Russ and Daughters for their bagels, fish, latkes, and more.

It's very special for a family business to survive for four generations. Not only has Niki helped keep her family legacy alive, she's helping keep a very important (and very delicious) slice of culture alive, too.



Storefront on Houston Street,
New York

Experiment: Drinking Candles

Candles are part of many holidays, from birthdays to the ones we celebrate during winter. When a candle is lit, many scientific things start happening. For example, air pressure around them changes!

To see for yourself, you'll need a grownup's help. Never play with candles or matches by yourself.

To see for yourself, you'll need:

- Clear drinking glass or jar
- Small candle (votive, birthday, or candlestick tip)
- **Lighter or match (Get an adult's help)**
- Small plate
- $\frac{1}{2}$ cup water
- Optional: food coloring, play dough

1 Place your candle in the middle of the plate. If it can't stand up on its own, have a grownup melt some wax at the bottom or use playdough to stick it down. It needs to stay upright during the experiment!

2 Fill the plate with water (optional: color your water with food coloring first).

3 Light the candle **with an adult's help**.

4 Carefully place the glass/jar upside down over the candle. **Watch what happens!**



Remember to check with an adult before using fire.

Explanation: As the candle burned and went out, air pressure inside the glass changed. It looked like it was drinking the water, but that was just outside air being drawn up into the low pressure glass.