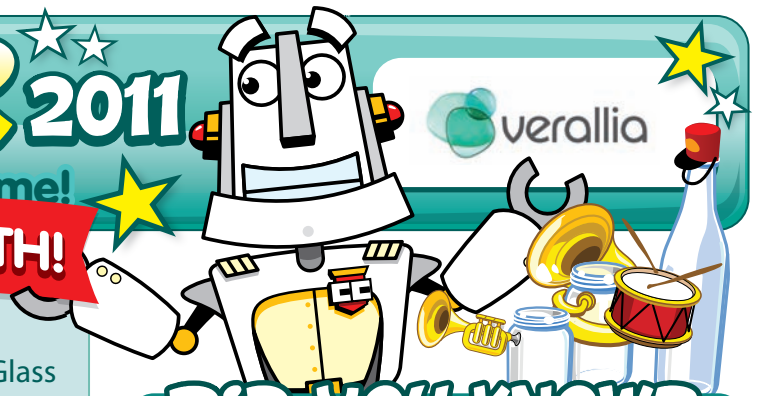


# SEPTEMBER 2011

Issue 5 of Captain Cullet's Activity Time!

Celebrate RECYCLE GLASS MONTH!



September is when Captain Cullet and the Little Gob o' Glass celebrate the benefits of recycling glass containers and encourage others to join their mission in helping the Earth.

## THE JOURNEY OF A GLASS CONTAINER



JERRY the Jelly Jar

Recycling glass bottles and jars is easy, but there are people who still don't recycle. Maybe if we told them about the life of a glass container and how it's recycled, they'd understand just how easy it is and why it's so important. Meet Jerry the Jelly Jar.

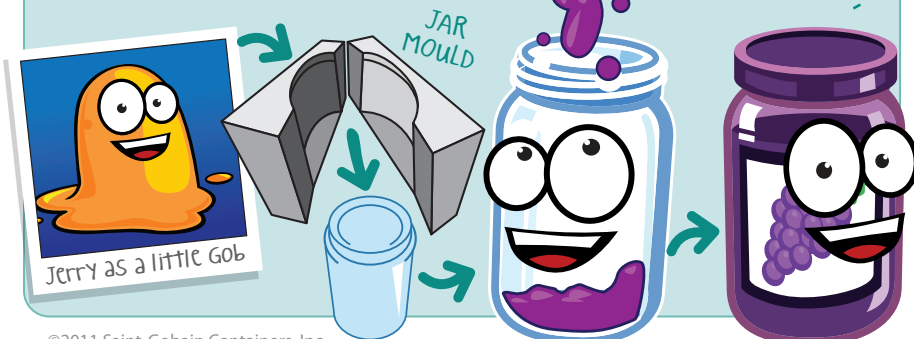
Jerry started out as molten-hot glass from a furnace, made out of sand, limestone, soda ash and cullet. While he was a gob (a melty and gooey drop of hot glass), he jumped inside a mould and was formed into the shape of a jar. As soon as he cooled off, he traveled to a place where grape jelly was made.



Ingredients of Glass: sand, limestone, soda ash and cullet

**Sploosh!** The jar was filled with jelly and a lid was put on. Jerry was then sent to a grocery store where he kept the jelly fresh until a family took him home. Since he was made of glass, he kept the jelly tasty until When Jerry became empty, one of the most important moments of his journey His family had to decide whether to throw him in the trash or recycle him. **What would you have done?**

it was all gone. the most took place. throw him in the you have done?



## DID YOU KNOW?

Once Jerry the Jelly Jar leaves your recycling bin, he could end up back at the grocery store as a new jar in as little as 30 days!



What people choose to do with Jerry and other glass containers can really impact the environment.

It takes a lot of energy for trucks, cranes and other machines to dig up and haul most of the ingredients of glass. It also takes an effort to melt those ingredients in big furnaces. **So how does recycling help?**

Since glass bottles and jars are completely recyclable, we can crush them up (this is called "cullet") and make new glass containers over and over again! The more cullet there is, the less sand, limestone, and soda ash is needed. This means less energy is spent on digging and hauling. Also, it takes much less of an effort to melt down cullet in a furnace.

So, if enough people recycled glass containers, we could use more cullet than all those other materials. That'd be cool!

**Don't let Jerry's journey end in a landfill. Help him by recycling your glass containers!**



Learn more and have fun at:

[www.captaincullet.com](http://www.captaincullet.com)





After you recycle glass containers, they are crushed into cullet and melted to make new glass bottles and jars. What's cool about that? The containers don't end up in landfills! Finding ways to reuse your glass bottles and jars is also a good idea, as long as they don't end up in the trash. Here's a fun thing to do with used jars:

## GLASS JAR SAND ART! **What you'll need:**



Any size or shape glass jars (or bottles). Keep the lids, too!



**Sand:** You can get pre-colored sand at a craft store or color your own sand with food coloring.



**Funnel** (you can also use a rolled up piece of paper).



**Spoon** for mixing the sand or pouring it into jar.



**Glue** for sealing the lid when finished.

### How to make it!

- ★ 1. Peel off the jar label. Wash and dry the jar.
- ★ 2. If you're coloring your own sand, dump some sand into old bowl or small bucket. Add food coloring and mix really well. Let it dry.
- ★ 3. Now pour layers of sand into the jar, one at a time. You can pour the sand using your hand, or a bag, or a bowl...or a funnel may be easiest (and most fun). Funnels are helpful when making sand art in a bottle.
- ★ 4. Be creative! To create different patterns, you can tilt the jar while pouring in the sand. Just be careful not to shake it too much because the colors may mix together.
- ★ 5. After you've filled the jar to the top, simply place a bead of glue around the top edge. This will act as a strong seal when placing the lid on.



### Try these patterns!

