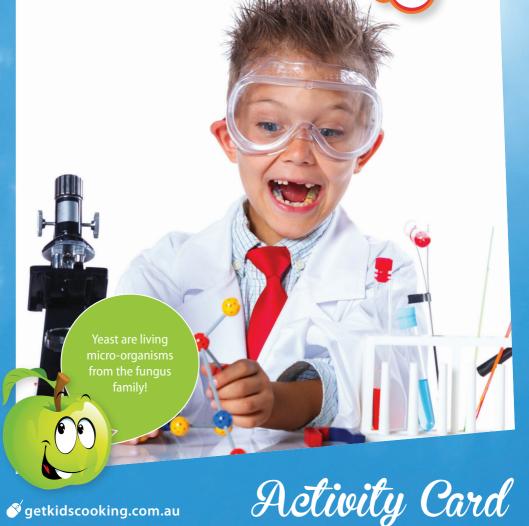
## SCIENCE IN THE KITCHEN

GET KIDS COOKING home



## A YEAST EXPERIMENT



2 plastic bottles

Warm water Cold water

2 tsp yeast

1 tsp sugar

2 balloons

Black marker pen

## Which mixture creates the most carbon dioxide?

- Fill one bottle, 34 full with warm tap water. Label using marker with the words "warm water"
- 2. Fill other bottle ¾ full with **cold** tap water. Label using marker with the words "cold water"
- 3. Measure the yeast and tip 1 teaspoon into the warm water bottle and one teaspoon into the cold water
- Add the sugar to the bottle with the WARM water only
- Place the caps back on the bottles and shake well
- 6. Remove the lids and stretch a balloon over the openings
- 7. Leave in a warm place in sun for 30 minutes

## SCIENCE FACTS

To activate yeast you need to environment. This experiment teaches reactions. This is why when baking or use warm water to activate it!

8. After 30 minutes your balloons will have carbon dioxide in them. Shake again and leave for another 30 minutes to see how big they get!

Which is the biggest?

Why do you think this has happened?



