

# Classroom Activity

## 10 Big Questions: How did the Universe begin?\*



### How to create your own Big Bang:

The surface area of a partially-inflated balloon can represent our universe. Stick coins onto its surface to represent galaxies. Now create your own “big bang” by blowing into the balloon.

\*Go to: <http://www.google.com/sky/>.

Can you spot any galaxies?

Click on the button saying “microwave” and research where this radiation came from.

This classroom activity was suggested by Nigel Maxted, a PhD student with the School of Chemistry & Physics at the University of Adelaide.

\* To find out more about the 10 Big Questions, go to:  
<http://www.sciences.adelaide.edu.au/learning-teaching/10bq/>

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