

Name:	
Class:	Date:

Round and Around

An activity of "The Sphere Factor".

Read the article "The Sphere Factor" (page 14–15, What's Up October 2022).

1) Based on the article, list three interesting facts you have learnt about spheres.

<u> </u>		_
•		
•		
•		

2a) Draw and describe how you would make:

A square bubble	A bubble-in-a-bubble-in-a-bubble

Watch the following videos to learn how it is done and try it out!

Square Bubble – Sick Science #149 >> ► https://youtu.be/12UIOlzai5M (Sick Science!, 24 July 2013)

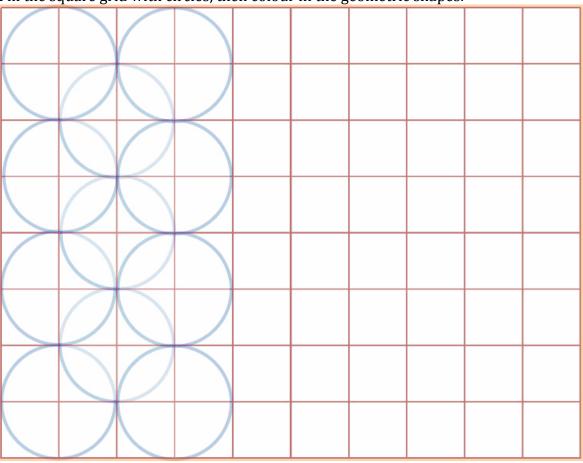
Bubble Inside a Bubble – Sick Science #219 >> ▶ https://youtu.be/OntX1115Tw4 (Sick Science!, 2 Dec 2 2014)

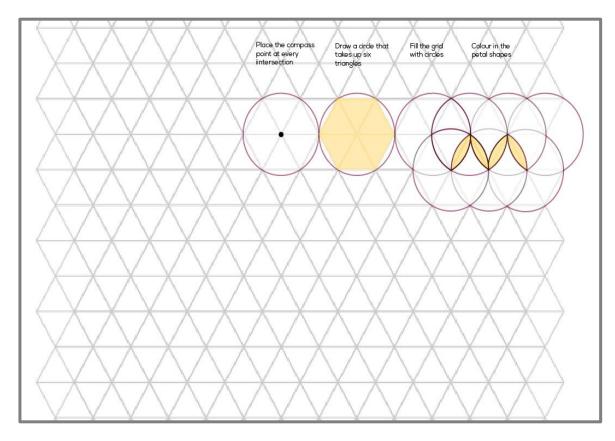
2b) After you have tried the experiments, do not throw away the soap solution. You can divide it into portions, mix in a few drops of food colouring and blow bubbles on to a piece of paper to make some spherical themed wrapping paper!

wui95-ideas/ly Page 1 of 2

3) Create wrapping paper motif designs with spheres! Use a mathematical compass to draw circles in the following grids:

Fill the square grid with circles, then colour in the geometric shapes.





WU195-IDEAS/ly Page 2 of 2