



**Prize Winner**

# **Crystal Investigation**

## **Year R-2**

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Hypothesis is that the worst  
room wood grow better Langrean.

Alum powder - Flom Rowe scientific

- Alk(SO<sub>4</sub>)<sub>2</sub> 12 H<sub>2</sub>O Lot number #ch2

0521 ~~edge~~ close Demineralised Water -

lot number # 09:332084

Jamie Oliver Scales

Caring beakers

Dental floss

Cotton yarn

3 locations

Fridge

Kitchen window - room temperature

Lounge Room - containing a fire

Place.

Seed crystals were grown by

dissolving Alum in water heated

in a microwave to make a

saturated solution this was

allowed to evaporate to form crystals.

The best crystals were selected and ~~not~~

tied to dental floss and suspended in

a saturated solution of Alum and placed in

the 3 locations. 450 ml

450 ml ~~water~~ water heated for 45

seconds with 75 gms of Alum ~~added~~ added. 150 ml of ~~saturated~~ saturated

Alum solution per beaker. The beakers

were checked and stirred ~~regularly~~ regularly

with more Alum added in increments

Water the crystals in the fridge grew

well while the other 2 crystals kept

falling from the dental floss. Possible

cause is that the solution was not

saturated enough so the crystal had become

smaller and fallen from their ties. This

continued to happen. the ~~crystals~~ crystals were

checked 2 times a week and note

Alum added ~~once~~ once a week.

The crystal in the fridge continued to

grow.

on July 16th we finished the ~~experiment~~

experiment. the fridge crystal container would

to grow the ~~crystal~~ lounge crystal had fallen

off again but was a large crystal sitting

on the bottom of the beaker.

The kitchen crystal had fallen off again

and still small. I have entered the

~~four~~ large crystals.