

## Science

Glasgow Science Centre have a range of activities for you. Please note that the rocket launch should **NOT** be carried out at home.

<https://www.glasgowsciencecentre.org/>

### **MAKE A PINHOLE CAMERA**

**Monday 27 April.** Learn about what a pinhole camera is with Natalie from The Planetarium team. Discover how it works and make your own simple version at home. You'll need a cardboard tube, a smaller piece of cardboard, tinfoil, baking paper, a pin, sticky tape, scissors, blu tack, and some adult permission and help. Best suited to over 7s.

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### **HYDROGEN ROCKET LAUNCH**

**Tuesday 28 April.** How do you get a rocket into space? Before lockdown, CJ talked us through how the space agencies do it. Using a hydrogen rocket - **it's NOT one to try at home!** - CJ will explore the explosive reaction and forces involved in this Science Show Theatre favourite. Fun for all the family with science over 7s will enjoy.

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### **DNA EXTRACTION**

**Wednesday 29 April.** What is DNA? Where do you find it? In this experiment to try at home, Sabah will help you answer those questions and show you how you can extract strings of DNA from fruit. You'll need: a re-sealable plastic bag, strawberries/bananas (fresh or frozen), washing up liquid, water, plastic cups, a coffee filter or sieve, a clear spirit like white rum or vodka or gin that has been chilled in the freezer for at least 1 hour, a spoon or coffee stirrer. You will need adult permission and supervision. Aimed at over 7s.

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### **SUPERCOOL WATER**

**Thursday 30 April.** Water - lovely, crisp, clear water! In this stunning demonstration, CJ will show you how you can amaze your friends and family with the awesome properties

of water and change its state almost instantly from supercool to solid. Intrigued? You will be! If you'd like to try at home, you'll need: a bottle of distilled water, a freezer and some ice. You will need adult permission and supervision. Fun for all the family, with science over 5s will find fascinating.

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## **STARGAZING - FINDING THE NORTH STAR**

**Friday 1 May.** Natalie from The Planetarium team is back to share some more brilliant stargazing tips. Learn how you can easily find the North Star and why that is so important to astronomers when they're gazing up into the starry night sky. Fun for all the family.