

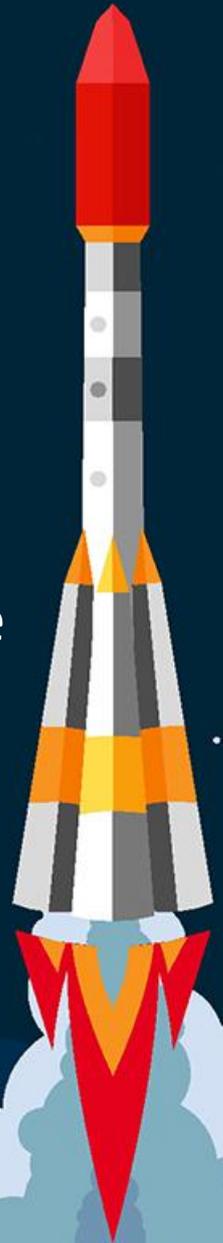


EMPIRIBOX
Primary School Science

END OF TERM LIVE SCIENCE WITH EMPIRIBOX

13TH JULY @ 10AM & 1PM

Let's end the academic year with some
memorable hands-on science fun!



WHO ARE WE?

We're Empiribox and we help bring KS1 and KS2 learning to life at home and school with very practical blended science. We combine the power of online learning with hands-on experiments to create WOW moments that all children will remember.

Whether your pupils are at home or back in the classroom, our blended science approach is designed to build knowledge and meaning through experience.

There's nothing more magical than putting on a lab coat and becoming a scientist for the day. Join us before the end of term for hands on, jammed packed practical science experiences and together, let's nurture children's curiosity to ask questions, investigate, challenge and evaluate.

MEET OUR SCIENTISTS



Hello, I am Chris, one of the scientists at Empiribox. I have taught all three sciences (Biology, Physics and Chemistry) for nine years at the secondary level, specialising in A level Physics. I have made it my mission to ensure that every student has an opportunity to explore the wonders of science and feel supported in all aspects.



Hi I'm Sarah, I am one of Empiribox's scientists and you may also recognise me from "Scientist Sarah" on Facebook and Instagram. I've been a Biologist and a teacher for over 20 years now. If it has DNA or interacts with other living things I'm all over it!

JOIN US LIVE OR WATCH LATER

Put on your lab coats and tune in via Zoom to take part in a live practical science lesson with our super scientists Chris and Sarah. You should have already received an email with the Zoom links and worksheets you'll need for all both sessions on 13th July, we'll also send you a reminder the morning before we go live.

NOT ABLE TO JOIN US LIVE?

Don't worry, you won't miss out on all the fun, we'll send you every recording so you can play them back at any time.

LESSON 1

TUESDAY 13TH JULY @ 10AM - 11AM

Summer Blast Off!



Curriculum Topic: Physics - Forces

Watch as our experienced Scientists set off a variety of energy propelled rockets, from butane gas, alcohol & even tea bags!

Then, join in the fun as you make your very own marshmallow rocket launcher

WHAT DO YOU NEED?

The following quantities are suitable for a class of 32 children:

- | | | |
|------|----------------------------------|--|
| 11 x | 30cm Foam tubes | <i>(Economy pipe insulation 13mm x 1m found at Screwfix)</i> |
| 32 x | Balloons | <i>(Any large party balloon)</i> |
| 1 x | Masking tape | <i>(Tape to secure the balloon to the foam tube)</i> |
| 1 x | 100g Mini marshmallow bag | <i>(Can be found in most supermarkets)</i> |

WATCH LIVE LINK:

<https://us02web.zoom.us/j/82128499138>

Meeting ID: 821 2849 9138



DOWNLOAD & PRINT THE WORKSHEET:

KS1 WORKSHEET:

<https://home.empiribox.com/wp-content/uploads/2021/06/Live-lesson-KS1-Mini-Marshmallow-Rocket-Launcher-Worksheet.pdf>

KS2 WORKSHEET:

<https://home.empiribox.com/wp-content/uploads/2021/06/Live-lesson-KS2-Mini-Marshmallow-Rocket-Launcher-Worksheet.pdf>



LESSON 2

TUESDAY 13TH JULY @ 1PM - 2PM

Fun With Food!



Curriculum Topic: Chemistry – Chemical reactions

A rare opportunity to see the awesome freezing effects of liquid nitrogen! Ever seen a banana smashed once it's been frozen? Now you can!

Then use the powers of salt to make some delicious sorbet that you can eat.

WHAT DO YOU NEED?

The following quantities are suitable for a class of 32 children:

15 x	200ml Fruit juice	<i>(Teachers could use a litre of orange or any other juice)</i>
1 x	750g Table salt	<i>(Any brand of salt will work)</i>
1 x	Bag of ice	<i>(Crushed or cubed bag of ice)</i>
32 x	A4 bags	<i>(Large plastic resealable bags)</i>
32 x	A5 bags	<i>(Smaller plastic resealable bag that fits inside of the other bag)</i>

WATCH LIVE LINK:

<https://us02web.zoom.us/j/88934071929>

Meeting ID: 889 3407 1929

DOWNLOAD & PRINT THE WORKSHEET:

KS1 WORKSHEET:

<https://home.empiribox.com/wp-content/uploads/2021/06/Live-lesson-KS1-Making-Sorbet-Worksheet.pdf>

KS2 WORKSHEET:

<https://home.empiribox.com/wp-content/uploads/2021/06/Live-lesson-KS2-Making-Sorbet-Worksheet.pdf>



CONTINUE CREATING WOW MOMENTS

EMPIRIBOX DIGITAL Online Platform	EMPIRIBOX SELECT Online & Select Boxed-Up Lessons	EMPIRIBOX COMPLETE Online & Boxed-Up Subscription
<p>E2 per pupil per year</p> <p>FOR SCHOOLS, HOME EDUCATORS & PARENTS</p> <p>KS1/KS2 flexible online science resources perfect for interactive classroom activities, homework tasks and home learning.</p> <p>With Empiribox Digital-only package you get full access to our extensive library of KS1 & KS2 curriculum-aligned resources.</p> <ul style="list-style-type: none"> • Teacher-led interactive videos – Watch as our scientist Chris walks you and your pupils through exciting hands-on practical science investigations that can be completed anywhere and at anytime • Editable worksheets – to evidence pupils learning • Interactive quizzes – for summative assessment, no marking necessary! • Pupil certificates – reward and celebrate lesson and topic quiz completions • Easily shareable links – no pupil logins needed, setting homework or home learning tasks have never been easier! <p>FIND OUT MORE</p>	<p>FOR SCHOOLS</p> <p>Pick and mix from our KS2 curriculum-aligned topic boxes, everything you need for every practical science lesson all in one box.</p> <p>Build your own school science solution to support your existing curriculum plans. Each box provides:</p> <ul style="list-style-type: none"> • Practical science equipment – all you need for exciting hands-on classroom experiments • Curriculum-aligned supporting resources – lesson plans, PowerPoints, editable worksheets and video teacher tutorials <p>Our Empiribox Digital and Select packages are a great combination. Get hands-on with practical science in the classroom and then reinforce that learning by setting classroom or homework tasks through our flexible online platform.</p> <p>FIND OUT MORE</p>	<p>Request a quote</p> <p>FOR SCHOOLS</p> <p>Our full school solution – Looking for support with all your KS2 practical science lessons? But not sure where to start?</p> <p>No need to spend hours planning your science lessons, we do all the hard work for you.</p> <p>Our yearly subscription packages deliver all-in-one curriculum-aligned topic boxes that include everything you need for hands-on practical science lessons in the classroom that get delivered straight to your door every month for every year group.</p> <ul style="list-style-type: none"> • Practical science equipment – all you need for exciting hands-on classroom experiments • Curriculum-aligned supporting resources – lesson plans, PowerPoints, editable worksheets and video teacher tutorials • Assessment – to track progress and achievement • CPD – Build teacher confidence with live online training • Empiribox Online – Get FREE full access to our KS1/KS2 curriculum-aligned online learning platform <p>FIND OUT MORE</p>

IN SCHOOL

Empiribox help primary schools get science ready by combining the power of online learning tools with hands-on science experiments to create WOW moments that pupils will remember!

To find out more or get a free quote visit www.empiribox.com/products-and-services, email info@empiribox.org or call us on **01865 670 067** OR you can buy now, simply visit our NEW online store www.home.empiribox.com/shop-promo

AT HOME

Whether you're a parent looking to help your children catch up from lost teaching time or a home educator looking for an all-in-one online platform for your KS1 & KS2 science needs – we've got you covered with Empiribox Digital!

- **Hours of engaging content – videos, worksheets, quizzes & more!**
- **Everything is mapped to the school curriculum**
- **Minimal involvement necessary (We can't promise you won't be tempted to join in!)**
- **Use for homeschooling or as fun weekend activities that the whole family will enjoy**

Buy now for just £60 for a whole year! Simply visit our NEW online store www.home.empiribox.com/shop/type/premium-access