



# Time Capsule



**BGLC High  
Achievers Challenge**



The year is 2022 and we are moving a select number of our species to our new planet Kepler-22b.

You are tasked with documenting the last 20 years in a time capsule.

- Influential thinkers of the time.
- Big Scientific discoveries/events.
- Endangered/extinct animals.
- Most important events.
- Poems and literature.

Ideas of what you **could** include in your capsule. This can be as a powerpoint letter or

- Toys that were popular
- Current news
- Food that was popular
- Music
- Sporting events/achievements.
- Influential leaders.

# Time Capsule Challenge

## **When and where to hand in:**

Hand in to Ms Gajjar Higher Prior Achievers (HPA) Coordinator at BGLC.

## **To either:**

Email: [dgajjar@brookvalegroby.com](mailto:dgajjar@brookvalegroby.com)

OR

Hand in a physical copy during transition week to your tutor.

**Any further questions please email:** [dgajjar@brookvalegroby.com](mailto:dgajjar@brookvalegroby.com)

## **Reading List**

To stretch and challenge yourselves please see suggested reading from our departments.

As an extra challenge you may want to review any of the books you have read.

## **Maths**

Murderous Maths collection [Kjartan Poskitt]

Youtube channel - numberfile

## **English**

**The Girl of Ink and Stars** by Kiran Millwood Hargraves

**Skellig** by David Almond

**The Lion the witch and the wardrobe** by C.S Lewis

## **Science**

**The Physics Of Superheroes** - James Kakalios

**The Musical Human**-By Michael Spitzer

Brief answers to Big questions Stephen Hawking

**Kid Innovators** Robin Stevenson and Allison Steinfeld

# Book recommendations to stretch and challenge

## Humanities

Geography - Bill Bryson African Diary

Religious Studies - The Kids Book of World Religions By Jennifer Glossop

History - War Horse by Michael Morpurgo.

## Languages

<https://www.languagesonline.org.uk/Hotpotatoes/index.html> have fun teaching yourself some of a language

## Art, Design and Technology

Food	<p><b>How Food Works- The Facts Visually Explained- DK books</b> ISBN-10-0241289394 ISBN-13-978-0241289396</p> <p><b>A Cooks Compendium of 250 essential tips, techniques, trade secrets and tasty recipes.</b> Jenni Davis ISBN-978-0-85762-128-3</p> <p><b>Children's quick and easy cook book-</b> Angela Wilkes ISBN-10-0756618148</p>
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Art	<p><b>Splat!: The Most Exciting Artists of All Time</b> by Mary Richards.</p> <ul style="list-style-type: none"> <li>• ISBN-10 : 0500650659</li> <li>• ISBN-13 : 978-0500650653</li> </ul> <p><b>Draw Like an Artist</b> by Patricia Geis.</p> <ul style="list-style-type: none"> <li>• ISBN-10 : 1616895101</li> <li>• ISBN-13 : 978-1616895105</li> </ul> <p><b>13 Art Techniques Children Should Know</b> by Angela Wenzel.</p> <ul style="list-style-type: none"> <li>• ISBN-10 : 3791371363</li> <li>• ISBN-13 : 978-3791371368</li> </ul> <p><b>13 Art Movements Children Should Know</b> by Angela Wenzel.</p> <ul style="list-style-type: none"> <li>• ISBN-10 : 3791371584</li> <li>• ISBN-13 : 978-3791371580</li> </ul>
Design	<p><b>The Little Inventors Handbook: A Guide to Becoming an Ingenious Inventor</b>, Dominic Wilcox, 978-0008306151</p> <p><b>Now Make This: 24 DIY Projects by Designers for Kids</b>, Thomas Bärnthaler, 978-0714875293</p> <p><b>Gadgets, Games and Gizmos: 122 Inventions that Changed the World</b>, Jean-Marie Donat, 978-1786850713</p> <p><b>Great Designs: The World's Best Design Explored and Explained</b>, DK, 978-0241298817</p>

### **Physical Education:**

Be Amazing by Chris Hoy

Sportopedia by Adam Skinner

Women in Sport by Rachel  
Ignatofsky

You Are Awesome by Matthew  
Syed

Dare To Be You by Matthew  
Syed

The Boy Who Never Gave Up -  
Steph Curry

Textiles	<p>The Sewing Book New Edition: Over 300 Step-by-Step Techniques</p> <p>ISBN-10 : 0241313635</p> <p>ISBN-13 : 978-0241313633</p> <p>Fashion Drawing For Dummies</p> <p>ISBN-10 : 0470601604</p> <p>ISBN-13 : 978-0470601600</p>
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## Computing

It would be great if HPA students could have a go at some activities on the "Hour of Code" website

Some specific suggestions would be:

START WITH: <https://studio.code.org/flappy/1>

THEN TRY: <https://studio.code.org/s/frozen/lessons/1/levels/1>

FANCY A CHALLENGE: <https://arcade.makecode.com/hour-of-code/>