



Finding Passion and Purpose

Louise Maule &
Emma Garrick



Workshop Overview

- Research
- Passion and Purpose
- Mighty Futures
- Ideas for the classroom
- Development Opportunities

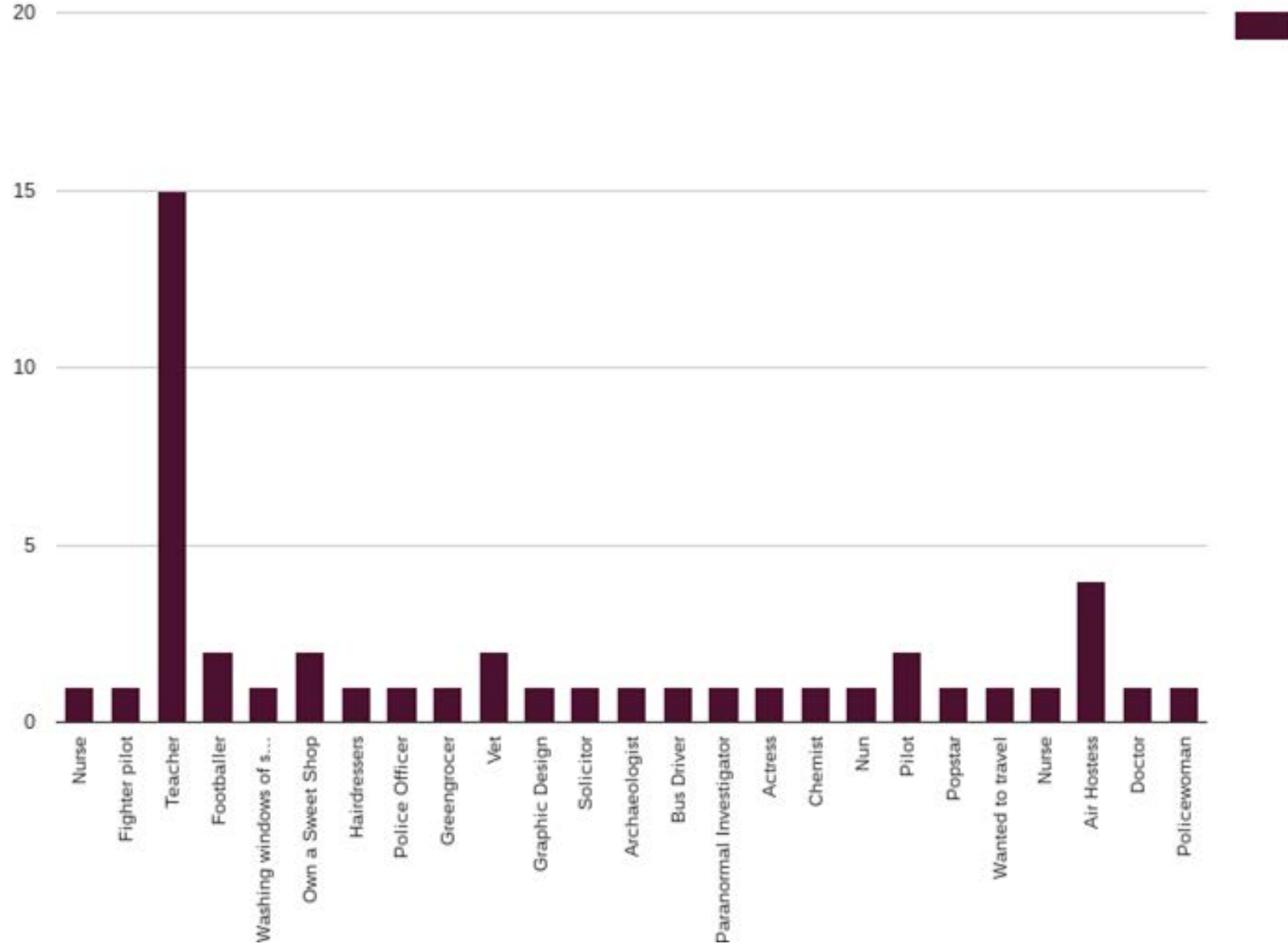
Aspirations

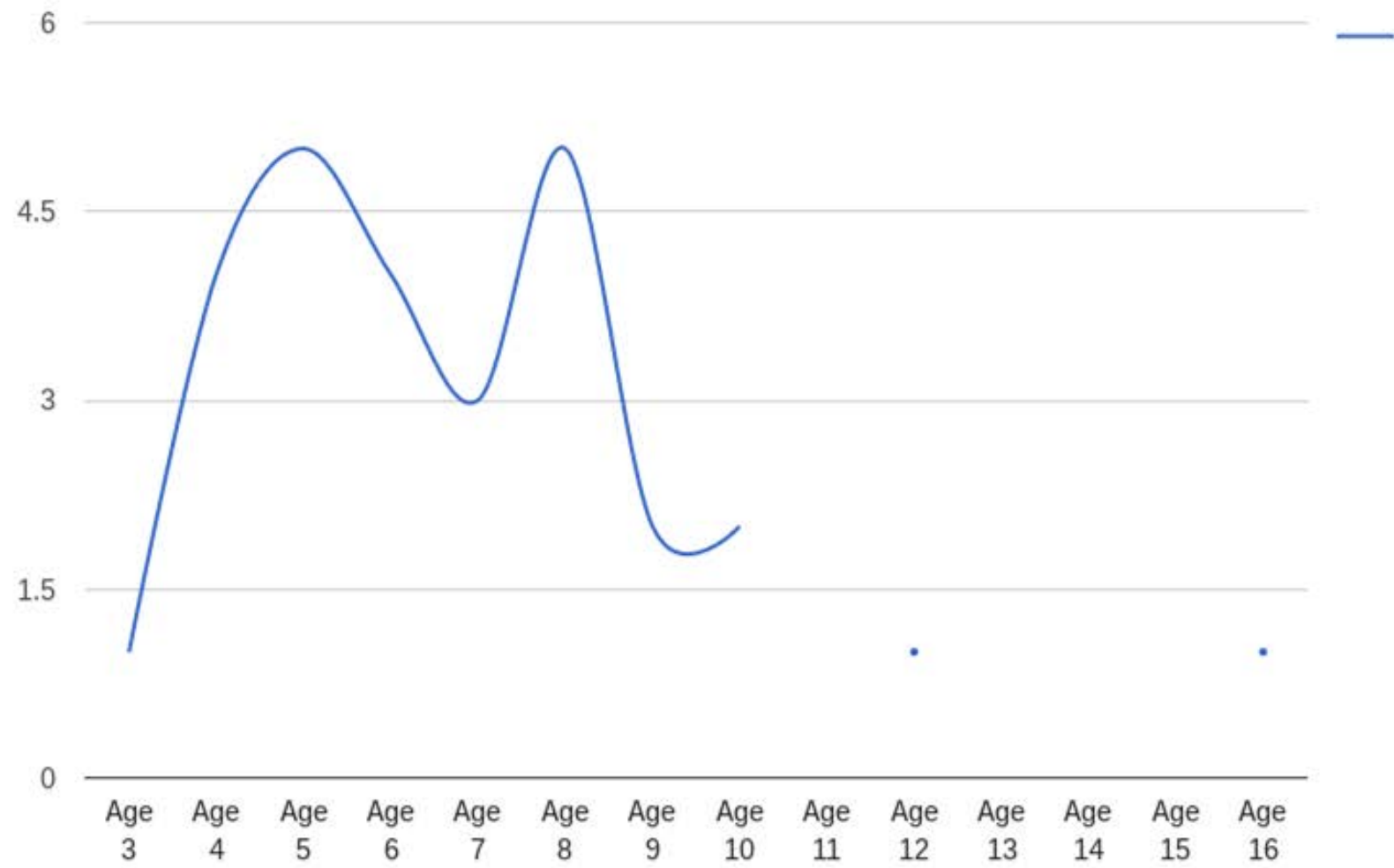
Children have their first aspirations
'typically' age 3 – 5 years old

From 5 – 7 years old we are making
decisions based on our gender

A child's environment, and key
influencers are influencing
aspirations

What children are exposed to will
affect their aspirations and self





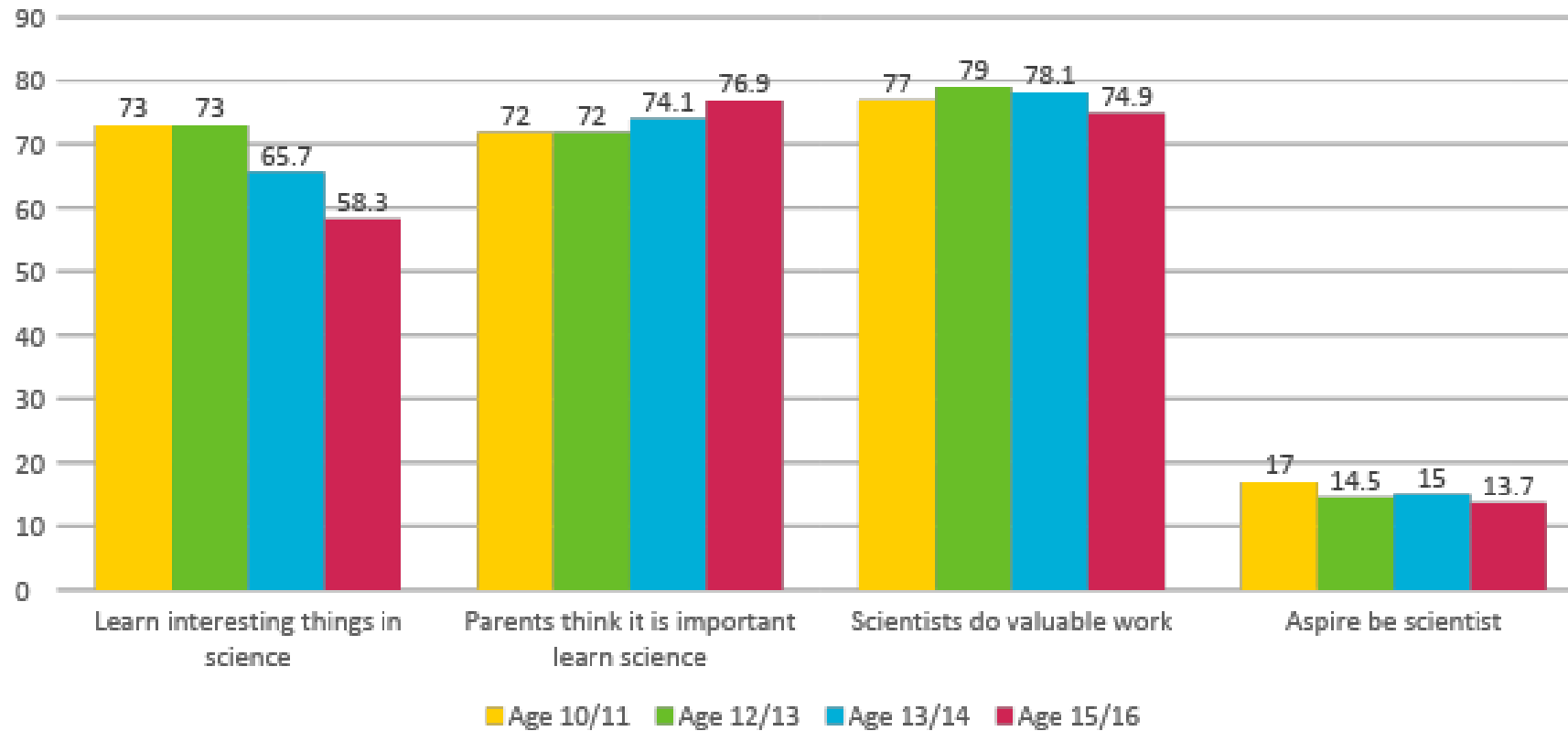


The Science Curriculum & Science Capital

Estimate what percentage of 15-16 year old students think that ...

- | | |
|---|--------------|
| a) they learn interesting things in science | 58.3% |
| b) their parents think it is important to learn science | 76.9% |
| c) scientists do valuable work | 74.9% |
| d) aspire to be scientists | 13.7% |

Comparison of survey responses from Y6, Y8, Y9, Y11 students (% strongly agree/agree)

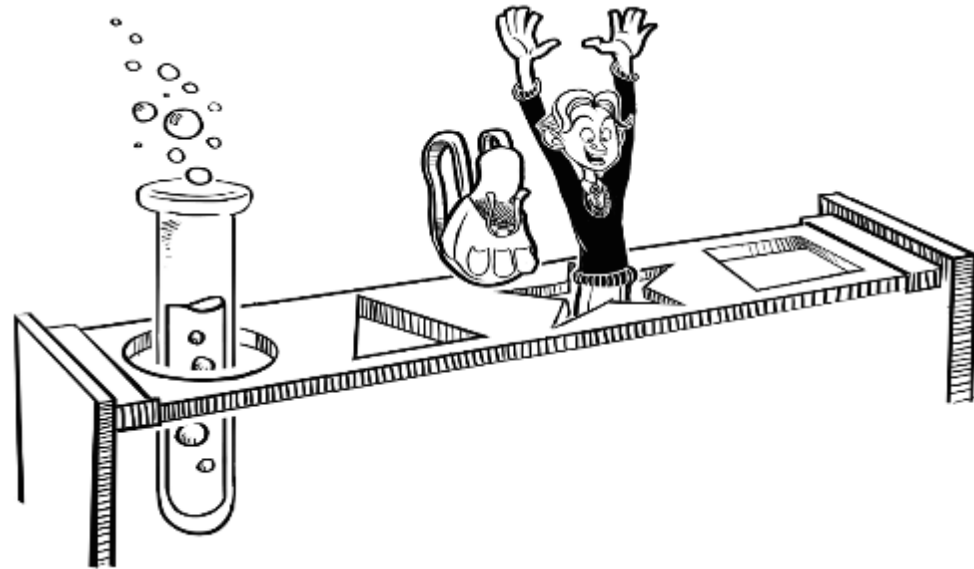


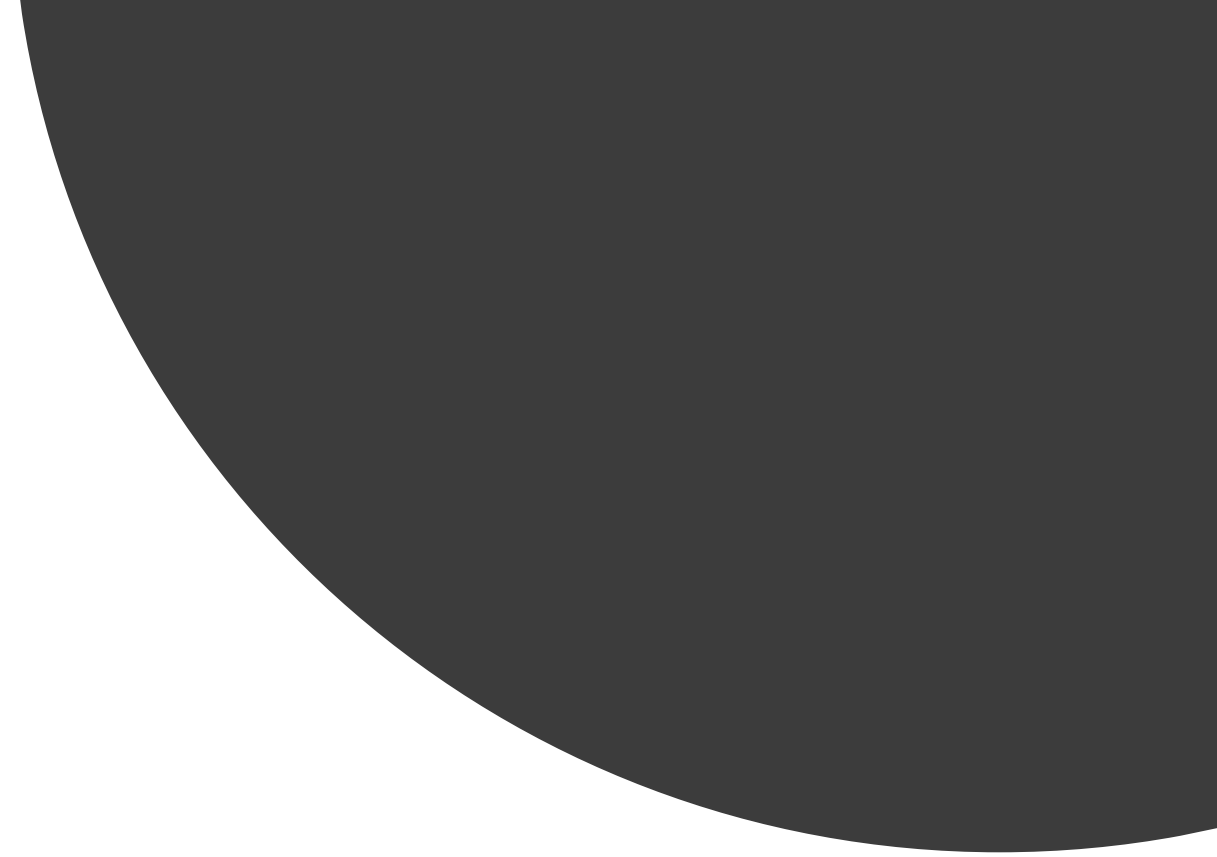
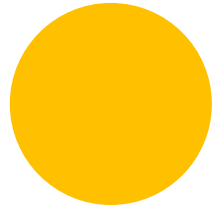
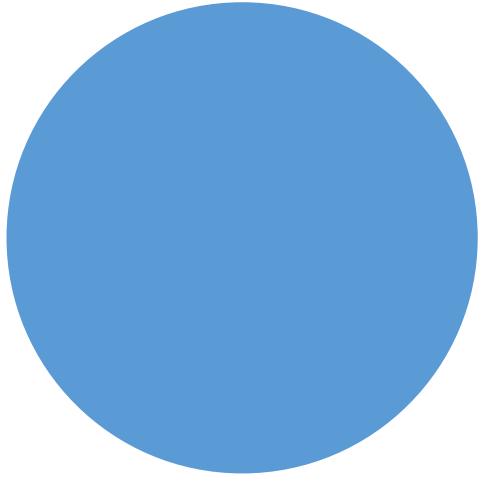
Aspires project

Why science capital matters

“A young person with **high science capital** is *significantly* more likely to plan to **continue with science** after the age of 16 and to see science as being ‘for me’”

Aspires report





Passion & Purpose

Why do we learn?

MIGHTY FUTURES

MIGHTY FUTURES ENGAGES
CHILDREN IN DISCUSSIONS
ABOUT THEIR WORLD AND THE
IMPACTS THEY CAN MAKE BOTH
NOW AND IN THE FUTURE.





Solving Big Problems

A young girl with pigtails, wearing a red cape and purple leggings, stands on a concrete ledge. She is looking out over a city skyline at dusk. The background is a blurred cityscape with buildings and lights. The overall tone is inspirational and hopeful.

Encouraging
Children To Be
The Future:

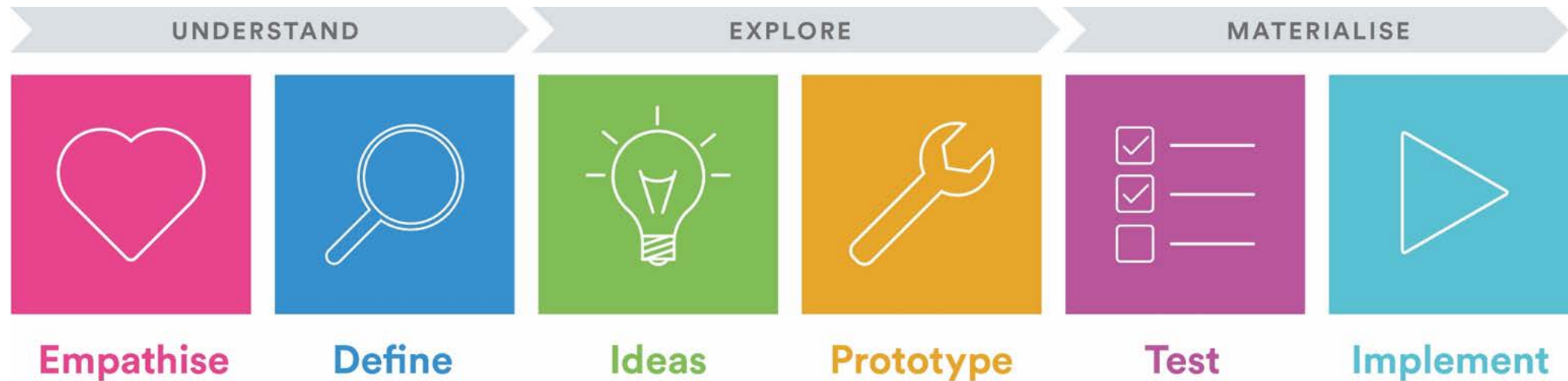
- Inventors
- Innovators
- Changemakers

Global Citizens



2030

Design Thinking



Exploring
curriculum and
aspirations
using the Goals

3 GOOD
HEALTH



Why should we care?



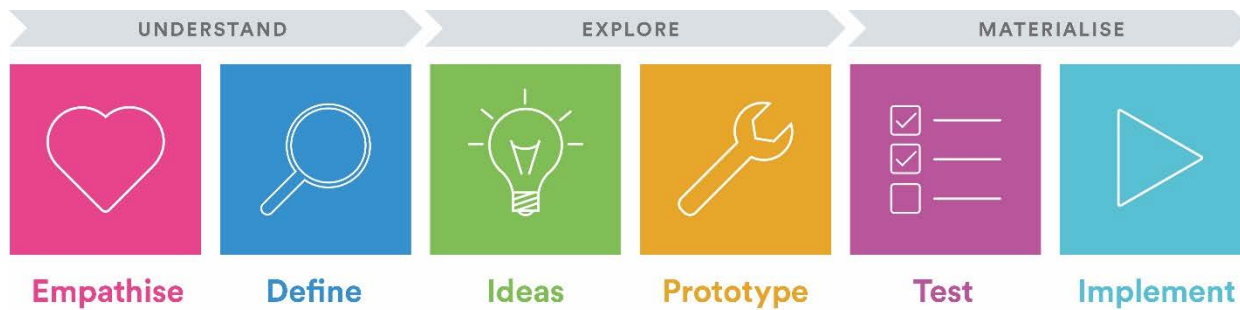
(Water Aid)



Why should we care?

- 80% of contagious diseases are spread by touch
- In December last year, at the peak of the Norovirus outbreak, it caused 1100 NHS beds a day to be closed
- Diarrhoea rates can be cut by 40% by handwashing (.... but British people are some of the worst offenders....)
(London School of Hygiene & Tropical Medicine)
- An average of 10 million people take to the skies every day, taking contagious diseases around the globe





Understand

- Why should we care about our health and the health of others?

What does being healthy mean?

- Look at some statistics UK and internationally

- Focus on one or a couple of the targets

E.G. Target 3.3 – how does disease spread (a common cold or Ebola)

Explore

- Activity to demonstrate

- Examples of people trying to help.

- [QuantumDX](#) (regional employer with an international outlook)

- Post- it ideas (lots of them)

- Discussion, making links to other goals (the bigger picture)

Materialise

- Inventors, Innovators and Changemakers task

The [Accenture HealthTech](#) Innovation Challenge

- Making, building, planning
- Extend through STEM ambassador network, a visit, an STEM employer in residence
- Celebrate, their skills (creativity, ideas, how much they care.)
- Linked to Big Bang Submissions, CREST award

SKILLS & ASPIRATION

- What skills do you need to make your ideas happen?
- Who needs to help us?
- Would you like to make this happen?
- How can we can keep developing your skills now through school?
- Shall we share your aspirations and ideas with you family?



The Career Benchmarks

- A stable careers programme
- Learning from careers and LMI
- Addressing the needs of each pupils
- Linking curriculum to careers
- Encounters with employers and employees
- Experiences of workplaces
- Encounters with further and higher education
- Personal Guidance



GATSBY



What Next?

- Resources all uploaded to the Mighty Futures Website www.mightyfutures.me
- You can do this for every goal, but we are here to help.
- Starting with CPD (free)
- Sessions for schools (free at The Central Exchange)
- Mighty Families
- Research (tracking aspirations)
- Interested in schools who would like to underpin the curriculum this way, and project based learning approaches.
- emma@mightyfutures.me

SUSTAINABLE DEVELOPMENT GOALS

Download the SDGs in Action app



PROJECT
EVERYONE

