




Scientists for
Global
Responsibility
Education
Projects



Dr Jan Maskell
SGR Vice Chair
Education Director

Scientists For Global Responsibility

- Current Education Projects

Science4Society
Week

One Planet One
Life workshops

Science4Society Week

- www.s4s.org.uk since 2015
- a collection of science education activities, which focus on the contribution that science and technology can make to peace, social justice and environmental sustainability
- set up to provide an alternative to activities funded by the arms and fossil fuel industries
- included teaching resources, trips and tours
- annual competition
- collaboration with local schools and organisations



Science4Society Week

- resources

- Food trump cards
- Lesson plans
- Resource Packs



FOOD TRUMPS



Apples

The apple tree is a deciduous tree in the rose family best known for its sweet fruit, the apple. It is cultivated worldwide as a fruit tree, and is the most widely grown species in the genus *Malus*. The tree originated in Central Asia, where its wild ancestor is still found today. Apples have been grown for thousands of years in Asia and Europe, and were brought to North America by European colonists.

| | 100g | Portion (1 apple = 150g) | % daily target |
|---------------------------------------|--------|-----------------------------|-------------------|
| Energy (kcal) | 51kcal | 76.5kcal | 4% |
| Fat (g) | 0.5g | 0.75g | 1% |
| Carbohydrate (g) | 11.6g | 17.4g | 7% |
| Fibre (g) | 1.2g | 1.8g | 6% |
| Protein (g) | 0.6g | 0.9g | 2% |
| Water Footprint (litres) | 82 l | 123 l | |
| Carbon Footprint (gCO ₂ e) | 70g | 105g | |



One Planet One Life workshops

One Planet One Life workshops

Evaluating learning

- Pre and post 'sticky dots' quiz
- 4 questions
- Clearly shows learning

| | Completely | Somewhat | Not much | Not at all |
|--|------------|----------|----------|------------|
| I know what causes climate change | | | | |
| I know what a carbon footprint is | | | | |
| I know how to calculate my carbon footprint | | | | |
| I know what I could do to reduce my carbon footprint | | | | |



One Planet One Life workshops

- Number of workshops - 35
- Number of students - 1117

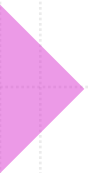


Scientists For Global Responsibility

- Planned Education Projects

Science4Society
Week 2022

Globally
Responsible
Careers in STEM



Science4Society Week 2022 14-19th March

Themed days – Buildings and Energy, Food and nutrition, Consumption and Waste, Science and Peace, Globally Responsible Careers

Links to resources – teaching packs

Activities – webinars on Plastics, Food

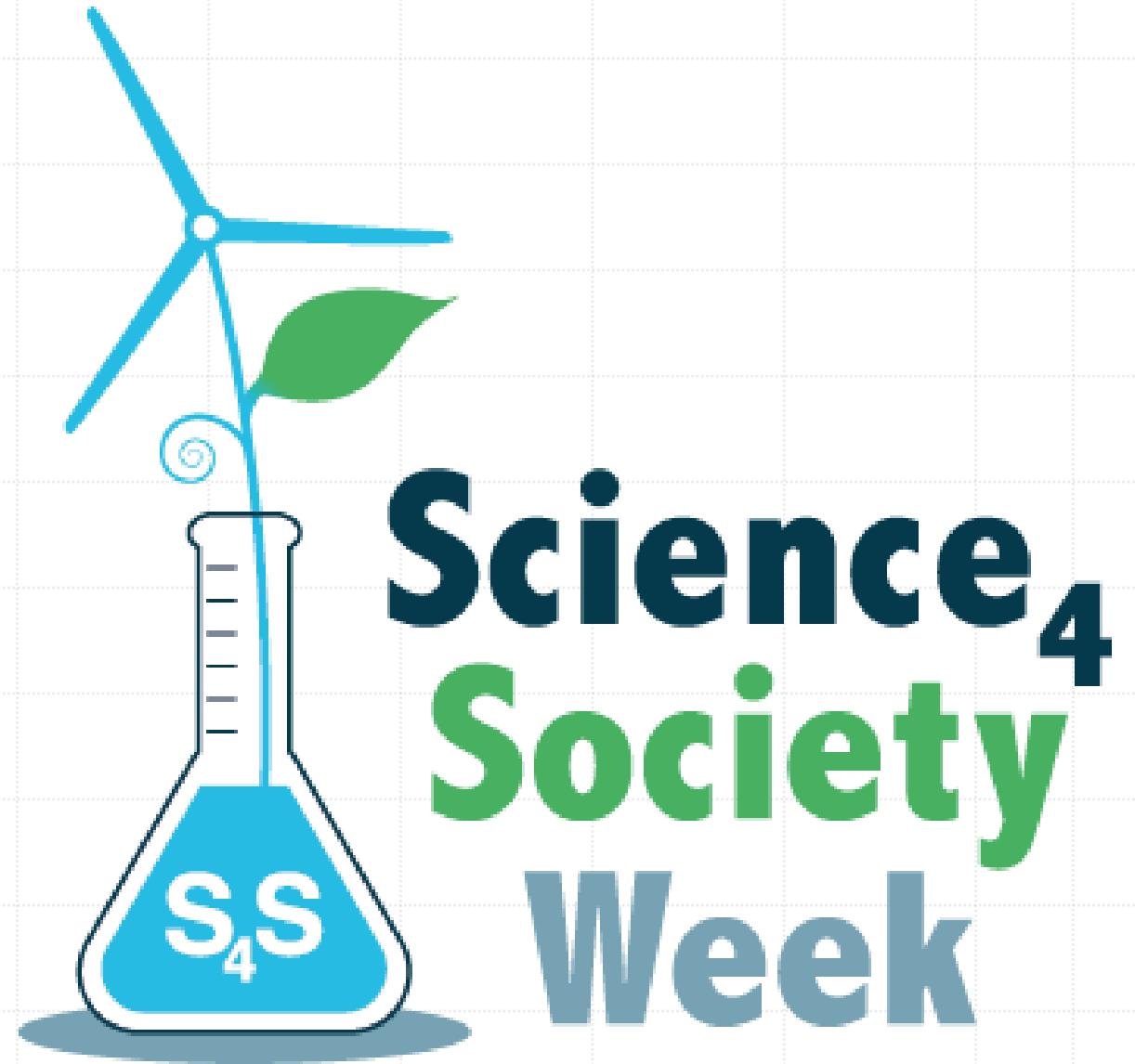
Careers assembly

Competition 'Get it Write' – write a book on one of the themes for any age

Science4Society Week
2022
14-19th March

Please share this with your
family, friends and
colleagues

Look out for the social
media promotion...





Globally Responsible Careers

Globally Responsible Careers - website



Self Assessment



Issues – based on the 17 SDGs



STEM Career Paths



Case Studies – inspirational examples



Resources – assembly pack, teaching pack,
posters