

## **Blue Carbon: STEM box**

Please find below a quick summary of what's inside each STEM box for ease. Please follow our detailed instructions inside the Teacher's Guide for more detailed information.

### **What's inside the STEM box?**

- Teabags (ideally rooibos or green tea – supplied) (2 per working pair)
- 1 x Digital pocket Weighing scale (per class)
- 2 x Plastic Shovels (per class)
- Biodegradable plant pots (2 per working pair)
- Wooden coffee stirring sticks (2 per working pair)
- 1 x Teacher's Guide (Printed)
- Worksheets that can be photocopied as per class requirements
- QR Code on box label to access all digital resources

### **What items should I prepare additionally?**

- For indoors: Small Recycled containers/cups (8 cm deep) or plant pots (if preferred to bio degradable options)
- Ruler for measuring tea bag burial sites outside if school grounds are used
- Paper, pencil and Markers (worksheets provided and additional can be photocopied from teacher's guide)
- 2 x AAA Batteries for pocket weighing scale (Remove batteries after use – do not leave unattended in the STEM box)
- Antibacterial cleaning resources for post experiment wipe down
- Paper towels/blue roll for wet surfaces and wet tea bags
- Set space aside if you'd like to keep the tea bag experiment inside for up to two weeks- three months depending on preference
- Water source
- Any extras that may compliment the needs or experience of your class

### **Extra Information:**

- Envelope not required if teabags are disposed of post experiment
- Please dispose of any plant matter responsibly outdoors or in an appropriate compost bin
- PLEASE NOTE: Biodegradable plant pots may fall apart easily when watered and are best kept in the ground, however if you wish to keep the experiment indoors, you could use recycled items or cups with a depth of 8cm