



# WORKSHOP SUMMARY

## Ready Steady Sow

*Investigate seeds from around the world; where they come from and how they grow, plant your own seed and take it home.*

**How long?** 90 minutes

**Who?** Year 1-3 Science and cross curricular

**Where?** The workshop takes place in the Spiral Garden or in one of our classrooms in the Core. Afterwards you can visit the Tropical Rainforest, Mediterranean or Outside Biome in your own time.

### Children will:

- Use observational skills to examine seeds from around the world.
- Understand the link between plants and seeds and show an understanding of the life-cycle of plants.
- Learn how to plant their own seeds and how to care for them.
- Develop new vocabulary connected to growing seeds and plants.

## Curriculum Links

KS 1 Science 2.3 a, b, c	KS 2 Science 2.3 a, b, c, d
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## What happens?

Little green fingers will love getting their hands dirty during Ready Steady Sow. Children will learn effective ways to explore and observe plants close up, they will investigate seeds from around the world and make the connection from plant to seed. Each child will plant a seed and find out how to care for them so that they thrive at home or school after the workshop.

## Practicalities



Please ensure your group is divided into workshop teams, each with an adult helper. Our Education Team will lead your workshop session, but the participation of your staff is essential to the success of our programmes. We provide all the equipment for the workshop.

Our programmes are focussed learning experiences, they do not provide a general introduction to Eden Project, so please allow sufficient unstructured exploration time for your students during your day.

**Additional information is on our website**  
[www.edenproject.com](http://www.edenproject.com)

### Before you come

- Walk around the school site and collect as many different examples of seeds as you can. Children could make scrap book of the different seeds. Perhaps they could also take examples of seeds from common foods that they eat.

### Follow up

- Continue with the seed growing activity set up at Eden. Use class discussion to help the students to decide what conditions the seeds will need to grow into a healthy plant.
- Use materials (perhaps clay, plasticine, recycled materials) to create 3D models of plants showing roots, stems, leaves, and flowers. Pupils could then stick labels using cocktail sticks onto their models and perhaps write what each part does.
- Children could perhaps try to grow other seasonal vegetables to eat if the school has a garden or plot of land available to use.
- Children could be presented with examples of different types of seeds and suggest how they think those seeds are dispersed (wind, water, animals). They could use seeds that they had already collected if they did the activity suggested before their trip to Eden.

### Useful websites and resources

[www.bbc.co.uk/schools/scienceclips/ages/5\\_6/growing\\_plants.shtml](http://www.bbc.co.uk/schools/scienceclips/ages/5_6/growing_plants.shtml) Useful interactive activity showing that plants need water and sunlight. It also contains a 'drag and drop' activity for labelling the parts of a flower.

[www.bbc.co.uk/schools/ks2bitesize/science/living\\_things/life\\_cycles/play.shtml](http://www.bbc.co.uk/schools/ks2bitesize/science/living_things/life_cycles/play.shtml) This interactive activity could be given to more able students so they can learn about the structure of a flower.

[www.ks1resources.co.uk/page11.html](http://www.ks1resources.co.uk/page11.html) Contains lots of activities which could be carried out relating to how plants grow and plant life cycles.

<http://www.youtube.com/watch?v=iFCdAgeMGOA&feature=related>

This is a time-lapse showing seed germination.

<http://www.naturedetectives.org.uk/> This website produced by The Woodland Trust contains lots of resources and packs which are free to download.

<http://www.topicbox.net/Science/Life%20-%20Plants/> Links to lots of interactive activities which can be used when teaching about the different parts of a plant, germination and what plants need for healthy growth.

'The Tiny Seed' by Eric Carle. When the tiny seed is blown away from its flower, it flies a long, long way. It finally lands and begins to grow and grow into a huge flower so that eventually its own seeds can start their journey.

<http://www.youtube.com/watch?v=VpTd7R1m8So> This is an animation based on the story of 'The Tiny Seed'.