



# St Andrews Botanic Garden

## SCHOOL PROGRAMME 2017



Butterfly House re-opening 23 March 2017

### EDUCATION FOR ALL

Book a visit to our teaching facility The Glass Class, or come self-guided, with your playgroup, nursery, primary or secondary class. Home-school groups and clubs welcome. Activities link to CfE outcomes in all curricular areas from level 0 to 4. See our range of topics overleaf. Butterfly House visits support a range of topics such as rainforest, mini beasts, senses, lifecycles, pollination and classification in addition to literacy themes such as the Hungry Caterpillar or art projects.

### GUIDED VISITS TO THE GARDEN

Full-day visit - 3 activities £5.00 per pupil (with Butterfly House visit £7)

Half-day visit - 2 activities £4.00 per pupil (with Butterfly House visit £6)

One hour visit - 1 activity £3.00 per pupil (with Butterfly House visit £5)

Teachers, support staff and parent helpers, free of charge. Certain Fife Local Authority nurseries and schools are eligible for a contribution towards transport costs. Please ask.

### SELF-GUIDED VISITS TO THE GARDEN - free

Fife Nursery, Primary and Secondary School visits are free if booked in advance, otherwise normal entry applies. There are self-guided trails both outdoors and indoors to keep you occupied. Resources are available to help with your visit. Please ask Education Officer for advice.

*Activities provide quality Outdoor Learning experiences in the form of hands-on workshops and trails.*

*Select your activities from the programme overleaf or tell us your requirements and we will tailor a plan for your visit. Activities can be adapted to suit additional support needs.*

Rainforest Trails



### FACILITIES

Free carpark, coach-parking, outdoor and indoor picnic area, gift shop, teashop, toilets, baby change and disabled toilet. Pond, Woodland Trail, Peat Garden, Herb Garden, Vegetable Garden, Herbaceous Beds, Orchard, Bee Hives, Tropical, Desert, Alpine, Temperate and Tropical Glasshouses.

[www.standrewsbotanic.org](http://www.standrewsbotanic.org) or find us on Facebook

BOOKINGS: Nikki Macdonald [education@standrewsbotanic.org](mailto:education@standrewsbotanic.org) mobile 0773 952 1612  
The Glass Class, St Andrews Botanic Garden Trust, Canongate, St Andrews KY16 8RT

# Activities for Nursery and Primary Schools

Early Level (Nursery, P1, P2)	First / Second Level (P3 - P7)
<p><b>***TROPICAL BUTTERFLY HOUSE***</b></p> <p>Grow your Own Finger Foods</p> <p>Jungle Explorers Tasting Trail Hot and Cold Places</p> <p>Living Things</p> <p>Minibeasts The Very Hungry Caterpillar &amp; Mad About Minibeasts</p> <p>The Gruffalo Trail</p> <p>Teddy Bear's Picnic</p> <p>Hug-a-Tree Trail</p> <p>Feast for the Senses Trail</p> <p>Feed the Birds</p> <p>Buzzy Bee Trail</p> <p>Felting Flowers / Minibeasts Workshop</p> <p>Animal Homes / Day and Night</p> <p>Pond Dipping (Mar to Oct)</p> <p>Puppets and Story Trails</p> <p>Fairy Tales in the Garden</p> <p>Colour, Rainbow Art or Nature Crowns</p> <p>Enterprise Growing Things or Nature Craft</p>	<p><b>***TROPICAL BUTTERFLY HOUSE***</b></p> <p>Grow your Own Packed Lunch Plants</p> <p>Rainforest and Desert Trail Adaptations or Climates</p> <p>Bottle Gardens Weather and Water Cycle</p> <p>Minibeasts/ Living Things Lifecycles, food chains, habitats</p> <p>Ancient Egyptians / Romans / Vikings and their Plants</p> <p>Plant Lifecycles Germination, pollination, seed dispersal</p> <p>Tree-mendous Maths Maps, measuring, estimating, biodiversity,</p> <p>Lotions and Potions Growing and using herbs</p> <p>Feed the Birds Bird spotting, make a feeder, bird plants</p> <p>Flowers, Bees and Pollination Lifecycles and conservation</p> <p>Felting Flowers / Minibeasts Workshop</p> <p>Sundials and Weather Vanes Looking at climate, weather and the seasons</p> <p>Pond Dipping (Mar to Oct) Food Chains</p> <p>Dig for Victory WW2 activities</p> <p>Andrew Goldsworthy Environmental Art or Van Gogh Sunflowers</p> <p>Materials, Soils and Compost</p> <p>Enterprise Grow plants, make natural art and craft to raise money for a good cause or at your School Fayre.</p>

If your topic is not shown here and you would like to visit the Garden, just ask and we will tailor a programme for you. Or if you wish to visit self-guided we can offer ideas, advice and resources.

**BOOKINGS:** Nikki Macdonald [education@standrewsbotanic.org](mailto:education@standrewsbotanic.org) or 0773 952 1612

# Activities for Secondary Schools

Third Level (S1 and S2)	Fourth/Fifth Level (S3 to S6)
<p>***TROPICAL BUTTERFLY HOUSE***</p> <p>Tree Trails and Biodiversity</p> <p>Rainforest and Desert Plants</p> <p>Sampling and Identification Techniques</p> <p>Minibeast Surveys</p> <p>Photosynthesis</p> <p>Plant Lifecycles</p> <p>Rocks and soils</p> <p>Food Production, Lotions and Potions</p> <p>Inventions and Technology</p> <p>Flowers, Bees and Pollination Lifecycles and conservation</p> <p>Sundials and Weather Vanes Looking at climate, weather and the seasons</p> <p>Pond Dipping (Mar to Oct) Food Chains</p> <p>19th Century Plant Hunters</p> <p>Plants under the Microscope Cells and functions</p> <p>Garden and Glass House Tour</p> <p>Van Gogh Sunflowers Claude Monet Water lilies Andrew Goldsworthy Environmental Art</p>	<p>***TROPICAL BUTTERFLY HOUSE***</p> <p>Woodland Keys and Quadrats</p> <p>Plant Adaptations</p> <p>Plant Animal Interdependence</p> <p>Minibeast Surveys</p> <p>Photosynthesis</p> <p>Plant Life Cycles</p> <p>Plant Growth</p> <p>Economic Uses of Plants</p> <p>Human Impact on Ecosystems</p> <p>Biodiversity and distribution</p> <p>Comparing Climates Rainforest, Desert and Alpine biomes</p> <p>Pond Dipping (Mar to Oct) Sample, keys, food webs, indicator species,</p> <p>Composts and Wormery</p> <p>Plants under the Microscope</p> <p>Glass House Tour Commercial plant production</p> <p>Art and Design</p>

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# St. Andrews Botanic Garden Trust

Finalised date (office use only)

## School Visit Booking Form

If you would like to book a visit to Garden, Butterfly House or arrange a Self-Guided Tour, please complete this form and email to Nikki Macdonald (Education Officer) [education@standrewsbotanic.org](mailto:education@standrewsbotanic.org)  
For further information call 0773 952 1612 or visit the website [www.standrewsbotanic.org](http://www.standrewsbotanic.org)

Name and Address of School

Name of Contact Teacher

Telephone Number / Emergency Mobile

E-mail Address

Class/Classes

No. of Pupils

No. of Staff / Helpers

Arrival Time

Departure Time

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Please Select by ticking options below

1 hour visit Any activity £3	1 hour visit to Butterfly House £5	Half day visit Any 2 activities £4	Half day visit Butterfly House + 1 activity £6	Full day visit Any 3 activities £5	Full day visit Butterfly House + 2 activities £7
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Please enter three possible dates in order of preference

1.	2.	3.
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Please indicate your Class Topic or select activities from Programme (maximum of 3)

Do any of your pupils have any HEALTH CONCERNS or SPECIAL NEEDS? Please give details.

Do we have permission to take photographs which may be used for future displays, newsletters etc?  
Please indicate.

Yes

No

**Please ensure payment is made in advance or on the day at the Gatehouse when checking in.**