

KEY STAGE 2

EDUCATION SESSIONS



Bristol Zoo aims to bring learning to life through our wide range of education sessions. Delivered by our dynamic and highly skilled Education Team, we will strive to offer a unique learning experience for all ages and abilities.

Linked to a range of curriculums and programmes of study, our sessions deliver interactive experiences using resources such as live animals, biofacts (skulls, skins, and stuffed specimens) and multimedia.

If you would like to know more or would like to book a session, please call 0117 4285 441 or email education@bristolzoo.org.uk

Adaptation and evolution (Upper KS2)

African Experience

Art alive

Discovery

Endangered species and their habitats

Food chains, fangs and molars

Growth and development

Habitats

MAD for Madagascar

Minibeasts sense and defences

Munching minibeasts

Pets and animal care

Polar experience

Rainforest experience

Smarty plants

Variety of life

Zoomeracy

Adaptation and evolution (Upper KS2)

Subjects covered

- Introduction to inheritance and evolution
- Adaptions to extreme conditions
- Advantages and disadvantages of specific adaptions

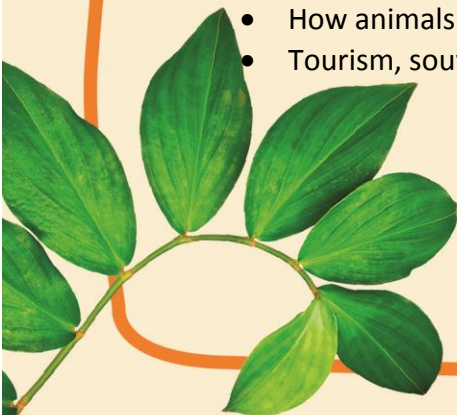
African Experience

(Easter to October half-term)

The group goes on safari to the African savannah and enters a camouflaged tent through which they hear the calls of the animals outside.

Subject covered:

- Features of the African grasslands habitat, including weather and locations
- How animals are suited to the grasslands habitat
- Tourism, souvenirs and protecting the savannah environment



Art alive

Take the opportunity to draw, sketch or photograph our extensive range of biofacts and stuffed specimens. **Please can you bring your own art supplies.**

Subjects covered

- Use of art, craft and design in the Zoo
- The work of the Zoo's wildlife artist and graphic designers

Discovery

This session has a 'lucky dip' content, full of amazing animal facts, with an emphasis on fun-based activities.

Endangered species and their habitats

Subjects covered

- Changes to the environment
- Human impact on wild animals
- How Bristol Zoo is making a positive impact through conservation work

Food chains, fangs and molars

Subjects covered:

- Food as a basic need and the importance of nutrition
- Carnivores, omnivores and herbivores
- Teeth and mouthparts

Growth and development

Subjects covered

- Different ways animals grow from offspring into adults
- Exoskeletons of invertebrates
- Lifecycles or a range of animals

Habitats

Subjects covered

- Basic needs of animals for survival and how animals are suited to their habitats
- Characteristics of two contrasting habitat types – you may choose from rainforest, polar, desert, coral reef or native woodland
- Microhabitats and protection of habitats

MAD for Madagascar

Subjects covered

- Features of Madagascar including its range of habitats and culture
- How animals are adapted to Madagascar
- Human impact on the Madagascan environment and wildlife

Minibeasts sense and defenses

Subjects covered

- The five senses, their associated body parts and super senses
- Reasons for senses and defenses
- Various methods of defense

Munching minibeasts

Subjects covered

- Invertebrate mouthparts
- Invertebrate herbivores, carnivores and omnivores
- Food chains, predators and prey

Pets and animal care

Subjects covered

- Basic needs of animals
- Looking after animals in the Zoo
- Responsible pet ownership

Polar experience

(October half-term to Easter)

A polar explorer greets the group and takes them on a journey through the planets polar regions.

Subjects covered

- How animals and explorers survive in cold habitats
- Features of the polar regions, including weather and locations of the North and South pole
- The life of an Antarctic penguin through the season

Rainforest experience

The groups enters a rainforest clearing to the sounds of the jungle

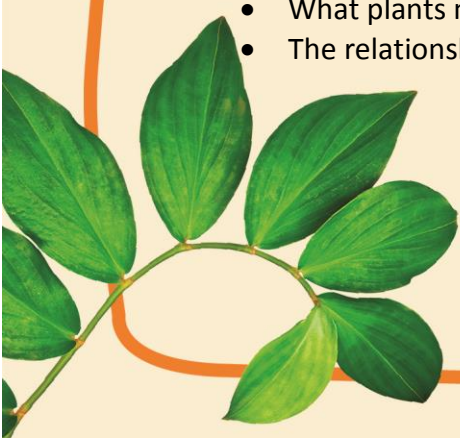
Subjects covered

- Features of rainforests, including weather and locations
- How animals are suited to the rainforest habitat
- Human use of rainforests and protecting rainforest

Smarty plants

Subjects covered

- The variety and importance or structure such as leaves, flowers, roots and seeds
- What plants need to grow and stay healthy
- The relationships between plants, humans and other animals



Variety of life

Subjects covered

- How living things can be grouped by their similarities
- The differences between invertebrates and vertebrates
- The five classes of vertebrates

Zoomeracy

Subjects covered

- Counting and adding numbers of animal legs, and multiplying animal weights
- Measuring animals and estimating
- Calculating averages and recognising symmetry in nature

