

Build THE Change



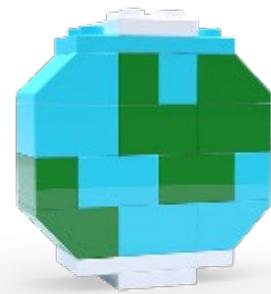
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**Biodiversity
and Climate Change
Course Pack for Educators**

 [Let's go! →](#)

A note to educators from the LEGO Group



Hi there,

In this document you'll find everything you need to run **Biodiversity and Climate Change**, a [Build the Change](#) course from the LEGO Group and Earthwatch Europe. There are materials for five 45-minute Learning Through Play sessions plus a "Showcase Day" show-and-tell event to share the creations and ideas from your young learners.

In this course, your students will explore how climate change impacts our Earth's biodiversity, through the lens of a range of animals from exotic (polar bears and tigers) to familiar (bees) and their habitats.

At the LEGO Group, we are committed to becoming global leaders in Learning through Play. This means equipping the builders of tomorrow with the knowledge and skills they need to become engaged and successful 21st century citizens—skills including creativity, design thinking, communication + collaboration, and the confidence to know that their voices and opinions matter.

The course is organized around the latest scientific understanding of climate change and threats to biodiversity and is informed by our expert content partner Earthwatch Europe.

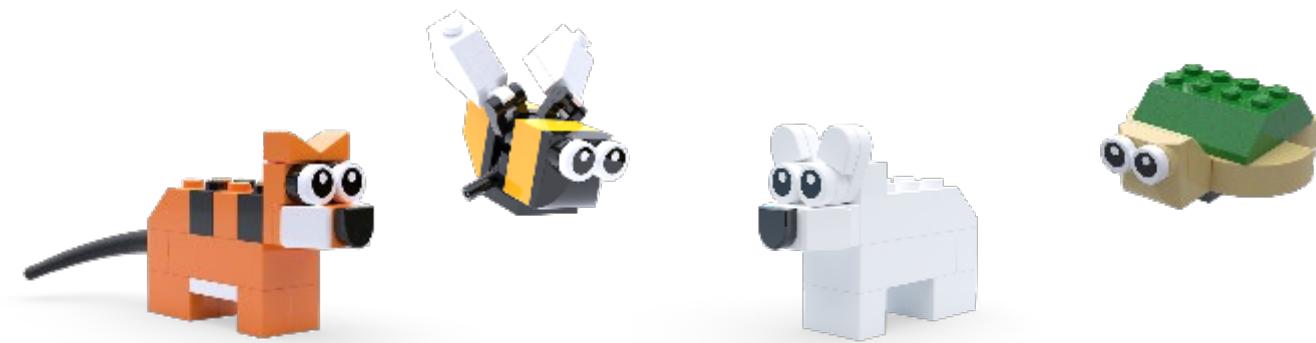
Note that the course directly impacts several areas identified in the UN's [Sustainable Development Goals](#) — the framework being used by schools around the world.

Learning through play is at the heart of every session, with playful hands-on activities exploring the course's topics. They are designed to work with any creative materials you have available. LEGO® bricks are not required but can be used if you have some lying around ☺.

Thank you,

The LEGO Group
In partnership with
Earthwatch Europe

Let's get started! →



Biodiversity & Climate Change

What's in the Course Pack?

1. Lesson plans

...and classroom presentations for **five 45-minute sessions**, plus a special "Showcase Day" event to let learners share the ideas they've created during the course.

2. Printable materials

Worksheets with some details about habitats around the world, **animal fact cards**, and **description cards** to display alongside children's awesome creations.

3. Uploading your learners' ideas

Photos and descriptions of the creative ideas from the sessions can be uploaded to public galleries on LEGO.com for the whole world to see.

4. More materials for educators

- Fact sheets on climate change and biodiversity from our partner Earthwatch Europe.
- Tips for tailoring the sessions for curricular areas (and alignment with the UN's sustainable development goals) or age / ability.
- Facilitation tips and tricks for getting the best ideas out of kids.
- Tips for creating custom sessions with locally-relevant content and/or special guests like experts + decision makers.

5. More about us

- Our expert subject matter partner: Earthwatch Europe.
- The LEGO Group and the LEGO Foundation on our commitment to Learning through Play and sustainability.
- More about the LEGO Group's global Build the Change program.

Build the Change lesson plans

In the following section, you'll find suggested plans for a number of Build the Change sessions, each of which is about **45 minutes long**. Together these sessions add up to the *Biodiversity and Climate Change* classroom course.

Click on the links for each session's lesson plan.

Key Skills
Creative problem solving & design thinking
Speaking & listening
Teamwork & collaboration
Project-based learning
STEM/STEAM
Citizenship

1. Introductory Session



[1: What is Climate Change?](#)

2. Stories of Change / Case Study Sessions



[2A: Polar Bears and Climate Change](#)



[2B: Bees and Climate Change](#)



[2C: Bengal Tigers and Climate Change](#)



[2D: Sea Turtles and Climate Change](#)



[Custom PPT template – Make your own local case study](#)

3. Sharing your group's ideas



[Showcase Day Event](#)

[Uploading ideas to our online gallery](#)

Feel free to extend, combine, and space out these sessions to produce the timings + course length that fits your learning environment and course needs.

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About Earthwatch Europe

Earthwatch Europe is an environmental charity with science at its heart. We want to create a world where we live in balance with nature.

We help communities to protect the nature around them. We build meaningful nature connections and give people the tools they need to fight for our planet. Working alongside communities and organisations, we build an understanding and a love of nature, and help everyone to protect the natural world. Guided by science and powered by people, we create change through connection.

People are the heart of what we do. From the classroom to the boardroom and the field to the laboratory, we bring everyone together with the shared goal to protect our planet. We work where we can have the most impact, creating knowledge and inspiring action. We fight for our fragile planet with passion and with science; with our hearts and our minds.

Through our Earthwatch Education programmes, we work with teachers and pupils to find creative ways to build and sustain connections with nature. We build teachers knowledge, confidence and motivation to lead inspiring outdoor and environmental education, building climate literacy and championing Youth Voice.

We seek to embed outdoor learning and environmental sciences in school curriculums across the UK, with a focus on enabling equitable access to green spaces and opportunities for those in underserved communities.

Stretching from school life through to green career choices and early-career scientists, we provide knowledge, resources, hands-on learning experiences and confidence to all. Together we can equip the next generation to become change makers for our planet.

The LEGO Group and Earthwatch Europe have been working in partnership for a number of years, to bring environmental science and learning through play together through the creation of inspiring teaching resources, and most recently, the incorporation of LEGO Build The Change into Earthwatch Europe's [Green Earth Schools](#), where Youth Voice is championed to reimagine and re-build school grounds for nature.

Links

- [Earthwatch Europe](#)
- [Earthwatch Education](#)

The LEGO Group on learning through play and Sustainability

Our commitment to learning through play

The LEGO Group and the LEGO Foundation are committed to becoming a global force for learning through play. We aim to redefine play and reimagine learning with hands-on learning experiences like Build the Change, where children are actively engaged through a meaningful and enjoyable experience, testing and trying out things with others. Success for us is seeing more and more children around the world become creative, engaged, and life-long learners.

Educators can use Learning through Play to support student's depth of knowledge and understanding, with the application of this knowledge into practical skills and nurturing a lifelong motivation to learn new things.

On the [LEGO Foundation website](#), you can find more information and access the [LEGO Foundation knowledge base](#) and in particular the white papers on [What we mean by Learning through Play](#) and [Learning through Play at school](#).

Our commitment to Sustainability

We're playing our part in building a sustainable future and creating a brighter world for our children to inherit. We're joining forces with children and parents, educators, our employees, partners, charities and experts to have a lasting impact and inspire the children of today to become the builders of tomorrow.

We are proud of the journey we are on and recognize that there is much more to do and learn. We will continue to do everything we can to achieve our ambitions.

On our [sustainability website](#) you can find more information about our initiatives, ambitions and progress.

What Is Build the Change?

Build the Change is the LEGO Group's flagship sustainability education program.

Deceptively simple and effective, it has been tested with kids at events around the world for over a decade.

Immerse → Create → Share



Learn about a real-world planet and people challenge.



Devise your own brilliant solution.



Share it with others.



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