

EDUKI 2021/2022 COMPETITION

LET'S GO SUSTAINABLE

Think global and act local

RESOURCES ON SDGS 11, 12 & 13

The national competition 2021/2022 «LET'S GO SUSTAINABLE! Think global and act local» of the Eduki Foundation, highlights Sustainable Development Goals 11, 12 & 13. They are respectively entitled *Sustainable Cities and Communities*, *Responsible Consumption and Production*, and *Climate Action*. In order to support the participants of the competition in understanding and studying SDGs 11, 12 & 13, as well as to stimulate their reflection so they can imagine projects, the Eduki team has identified some media resources (webpages, press articles, podcasts, videos, films, documentaries) and educational resources.

This document is complementary to the one entitled «The SDGs explained» that you can find on our website eduki.ch/competition. If you would like additional resources, do not hesitate to contact our team by email: concours@eduki.ch.

A tool meant for pupils and their teachers; this document is available to all to act together for SDGs 11, 12 & 13!

SDG 11: MAKE CITIES INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE

WEBPAGES

Title	Description	
▶ 17 Sustainable Development Goals	▶ Website of the Swiss Confederation explaining the different components of SDG 11.	Link
▶ Sustainable cities: why they matter	▶ UN document that explains why SDG 11 is important and what actions should be taken.	Link
▶ Goal 11: Make cities inclusive, safe, resilient and sustainable	▶ UN website presenting the SDG 11, its targets and goals.	Link
▶ From mega-regions to micro-size homes : Cities of future	▶ National Geographic designs urban hubs and urban planning in order to make the most of new innovation such as smart cities and resilient regions.	Link
▶ UN Habitat	▶ UN Habitat website. UN-Habitat works in over 90 countries to promote transformative change in cities and human settlements through knowledge, policy advice, technical assistance and collaborative action.	Link
▶ SDG 11 - Sustainable cities and communities Make cities and human settlements inclusive, safe, resilient and sustainable	▶ Overview of statistical data on SDG 11 'Sustainable cities and communities' in the European Union.	Link

PRESS ARTICLES

Title	Description	
▶ Amsterdam's youth – reimagining city's future	▶ Article for the World Economic Forum. Amsterdam is composed of many young individuals from ages 0-25. This means that there are many young creates minds that are ready to tackle the challenges and designs of a sustainable eco-city.	Link
▶ Why 'tiny forests' are popping up in big cities	▶ Article from National Geographic. Community forests the size of a basketball court can make an outsized difference, providing shade, attracting plants and animals, and even storing a bit of carbon. - 06.22.2021	Link
▶ Sustainable cities around the World: Top 13	▶ Article from Wearerestless. Laura Beresford, International Citizen Service (ICS) volunteer, highlights the most sustainable cities in the world and the positive progress that's been made to make our world greener. - 11.17.2016	Link
▶ The digital building blocks of better communities	▶ Article from the UNO. In cities and communities across the world, citizens of all ages and backgrounds are getting the chance to literally play an important role in redesigning their public spaces, thanks to an innovative collaboration between the UN, and the company behind the popular computer game Minecraft. - 01.31.2020	Link

MEDIAS

Title	Description	
▶ Sustainable development in Brazil – Curitiba	▶ Small film about Curitiba and their sustainable development.	Link
▶ Smart City: Solutions around the world	▶ This instagram page lists solutions for sustainable cities around the world	Link
▶ The Urban Green	▶ WWF set off on an inspirational journey to explore the most innovative ideas, technologies and initiatives being used by cities today as they strive to create more livable and sustainable cities.	Link
▶ Gender perspectives in urban planning	▶ Ana Falú from the National University of Cordoba - and the Coordinator of the UN-Habitat UNI Gender Hub - in this lecture discusses urban planning from a gender perspective, with emphasis on both who has the right to the city, and who has the right to plan the city.	Link
▶ What happens if you cut down all of a city's trees?	▶ We may think of nature as being unconnected to our urban spaces, but trees have always been an essential part of successful cities. Humanity has been uncovering these arboreal benefits since the creation of our first cities thousands of years ago. So what makes trees so important to a city's survival?	Link
▶ UN-Habitat promotes resilient housing designs in Mozambique	▶ Two years ago, Cyclones Idai and Kenneth affected more than 300,000 houses in Mozambique. UN-Habitat led on the design of resilient housing to build and rehabilitate houses in cyclone affected areas.	Link

EDUCATIONAL SOURCES

Scholar level(s)	Title	Description
▶ Primary	▶ Ali Finds A Way	▶ A short comic book proposed by UNESCO that addresses the theme of inclusiveness through the story of Ali, a young blind teenager. Link
▶ Primary	▶ Urbanisation and human wellbeing	▶ This case study examines the challenges of human wellbeing and urbanisation, especially in the megacity of Jakarta. Link
▶ Primary ▶ Secondary I	▶ The Great Green Vine Invention	▶ The Great Green Invention explores how children care about growth, what it means and its limits. The child author offers a vision of development that is in harmony with others and with nature. Link
▶ Secondary I	▶ Understanding community violence	▶ Through this exercise, students will read about some different child experiences of violence and why ending all violence everywhere is key to achieving the SDGs and child rights. Link
▶ Secondary I	▶ Understanding Sustainable Living	▶ This resource aims to explain the concept of sustainability, evaluate lifestyle choices for sustainability using an online ecological footprint calculator to real-life data and identify actions students can take. Link

SDG 12: ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

WEBPAGES

Title	Description
▶ Goal 12: Ensure sustainable consumption and production patterns	▶ Website of the Swiss Confederation explaining the different components of Sustainable Development Goal 12. Link
▶ Responsible consumption and production: why it matters	▶ UN document that explains why SDG 12 is important and what actions should be taken. Link
▶ Goal 12: Ensure sustainable consumption and production patterns	▶ Interactive page by the Swiss NGO Helvetas, which explains the links between good governance and peace. Link
▶ Fashion Revolution	▶ Fashion Revolution is the world's largest fashion activism movement. They recently published The Fashion Transparency Index which analyses and ranks 250 of the world's biggest fashion brands and retailers based on their public disclosure of human rights and environmental policies, practices and impacts, in their operations and in their supply chains. Link

PRESS ARTICLES

Title	Description	
▶ Responsible consumption: definition and examples	▶ This article explains the different aspects of responsible consumption and what it entails.	Link
▶ Is Palm Oil Bad For The Planet? Can Palm Oil Be Sustainable?	▶ This article explores the history and uses of palm oil and raises awareness about our current consumption habits.	Link
▶ Top 6 e-waste facts you should know now	▶ This articles emphasizes the realities and facts of E-waste.	Link
▶ Plastic pollution disproportionately hitting marginalized groups, UN environment report finds	▶ Vulnerable communities disproportionately bear the brunt of environmental degradation caused by plastics pollution, and action is urgently needed to address the issue and restore access to human rights, health and well-being, according to a new UN report.	Link
▶ How local teamwork is transforming plastic waste into value	▶ A village in Thailand comes together to turn waste into worth with the support of public-private partnerships.	Link
▶ Most people waste more food than they think—here’s how to fix it	▶ In the psychology of food waste, people are often misled by their surroundings. But we can rethink our choices.	Link
▶ A beginner’s guide to sustainable farming	▶ The UNEP takes a closer look at how to make agriculture more sustainable and what that would mean for the economy, the environment and human health.	Link

MEDIAS

Title	Description	
▶ The True Cost, Andrew Morgan (2015)	▶ The True Cost documentary looks at the repercussions of the fast fashion industry on people’s livelihoods and living standards. The two types of cost examined in this documentary are the environmental costs (climate change, coral bleaching, clothes in landfill) and the human costs (exploitation of workers, sweat shops, child labour).	Link
▶ The Pollinators, Peter Nelson (2019)	▶ Billions of honey bees are trucked around the US pollinating crops critical to what we eat. The Pollinators tells the story of this migration with beekeepers and experts who warn that the bees and our food supply are in peril.	Link
▶ Vihann and Nav: one step greener	▶ Here is the incredible story of Vihaan and Nav, two brothers from India. Together they set up One Step Greener, an initiative to help tackle pollution in their home town by educating their community on recycling.	Link
▶ Alexandra Cerezo, Sustainable & ethical fashion	▶ Knowing that the fashion industry emits more carbon than international flights and maritime shipping combined, Alexandra Cerezo wants it to be sustainable in order to protect nature and local livelihoods.	Link

EDUCATIONAL SOURCES

Scholar level(s)	Title	Description
▶ Primary	▶ Thea Discovers Chocolate	▶ In this story, Thea, a teddy bear, leads us on the journey of Fairtrade chocolate, from a cocoa farm in Belize, on ships and lorries, to Thea's local shop. Link
▶ Primary Secondary I	▶ Designing for climate change: the circular economy project	▶ In this project, students will follow the process of Design Thinking to reuse an object. It is around 10 hours in total, split into 10 separate activities. Link
▶ Primary Secondary I & II	▶ Journey for Tomorrow	▶ Journey for Tomorrow explores the necessity of caring for the planet. It highlights all forms of nature through the eyes of a young girl who, whilst overcoming losing her much loved dolphin embarks on a journey. Link
▶ Secondary I & II	▶ Understanding the Challenge of Finite Resources	▶ This lesson introduces students to a different way of thinking about how our economy could work. The series builds up exactly how a circular economy is different from the status quo, and looks at the economic, environmental and social advantages of a new approach. Link
▶ Secondary I & II	▶ The Story of Stuff	▶ From its extraction through sale, use and disposal, all the stuff in our lives affects communities. The Story of Stuff is a 20-minute, fast-paced, fact-filled look at the underside of our production and consumption patterns. It exposes the connections between a huge number of environmental and social issues, and calls us together to create a more sustainable and just world. Link
▶ Secondary I & II	▶ Food Innovations	▶ Through this activity, students will examine different ways communities grow food and think about different innovations in food production. They will make observations, raise questions and develop opinions about urban farming! Link

SDG 13: TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

WEBPAGES

Title	Description	
▶ Goal 13: Take urgent action to combat climate change and its impacts	▶ Website of the Swiss Confederation explaining the different components of Sustainable Development Goal 13.	Link
▶ Climate action: why it matters	▶ UN document that explains why SDG 13 is important and what actions should be taken.	Link
▶ NASA : Climate Change	▶ NASA gives statistics about climate change as well as the evidence, causes, effects, solutions to climate change.	Link
▶ United Nations: Climate action	▶ UN website which reports on its climate actions and the latest news on the subject.	Link
▶ Fridays for Future	▶ Fridays for Future is a youth-led and -organised global climate strike movement that started in August 2018, when 15-year-old Greta Thunberg began a school strike for climate.	Link

PRESS ARTICLES

Title	Description	
▶ Why climate science is key to protecting people and planet	▶ Joyce Msuya, United Nations Environment Programme (UNEP) Deputy Executive Director, explains the role of climate science in decision-making and what can be done to prioritize climate action to protect people and planet.	Link
▶ Can carbon capture make flying more sustainable?	▶ This National Geographic article presents a new technology that allows planes to capture their carbon emissions.	Link
▶ What does climate change look like in Balochistan?	▶ 17-year-old Climate Activist Yusuf Baluch writes about the 2007 floods in Balochistan (province in Pakistan) and what it teaches us about climate migration, adaptation and the future of our planet.	Link
▶ Helping kids deal with climate anxiety	▶ The threats of climate change can be upsetting to children. Here's how to ease their fears with empowering solutions.	Link
▶ 5 possible climate futures—from the optimistic to the strange	▶ The five scenarios that form the backbone of the latest IPCC report tell radically different stories about humanity's future.	Link

MEDIAS

Title	Description	
▶ Climate Change - We are the PROBLEM & the SOLUTION	▶ Climate change is a real and serious issue. In this animated infographic we dive into the science behind human accelerated climate change, how it is affecting our planet, why we need to act on this issue, and how you as an individual can contribute to the solution.	Link
▶ The Climate Question	▶ The Climate Question is a series of podcasts from the BBC. Through a variety of topics, it addresses all the issues surrounding climate change.	Link
▶ Future Earth	▶ Future Earth is a community and online platform that seeks to inspire meaningful engagement with the climate crisis through education on social media.	Link
▶ Before the Flood, Fisher Stevens (2016)	▶ This documentary is look at how climate change affects our environment and what society can do to prevent the demise of endangered species, ecosystems and native communities across the planet.	Link
▶ Climate advocate fights for better future	▶ In this podcast, we meet Mitzi Jonelle. While most people consider the environment “a scientific problem to be fixed by the scientists”, the Filipino youth activist is determined to put an “empowering human aspect” into the climate crisis battle, involving “everyday people”.	Link
▶ Act Now	▶ This App, created by the United Nations, helps us living sustainably.	Link
▶ Climate Catastrophe - How did we get here?!	▶ This video traces the history of global warming in a very visual way.	Link

EDUCATIONAL SOURCES

Scholar level(s)	Title	Description	
▶ Primary	▶ Show the Love school guide	▶ This guide is full of fun and creative curriculum linked activities for primary schools that will help inspire your pupils to show the love for all the things they want to protect from climate change.	Link
▶ Primary	▶ Simon Says Save the Climate	▶ Go on a song-filled cartoon adventure with Simon the Hippo and friends as they learn about the world’s changing climate, the role that carbon dioxide and methane play, and the good eco habits.	Link
▶ Primary Secondary I	▶ Chakra The Invincible fights climate change	▶ This comics tells a story of special adventure to support action on Climate Change.	Link

▶ Primary Secondary I	▶ Climate change	▶ Thanks to this resource, children will learn about each other's personal experiences, knowledge and feelings concerning climate change.	Link
▶ Primary Secondary I	▶ Become a climate changemaker	▶ Climate Changemakers invites children aged 8+ to reflect on why they think learning about climate change is important and why it matters to them.	Link
▶ Primary Secondary I	▶ Become a climate changemaker	▶ Climate Changemakers invites children aged 8+ to reflect on why they think learning about climate change is important and why it matters to them.	Link
▶ Primary Secondary I & II	▶ Climate Box	▶ Climate Box website is an interactive learning platform for young minds who want to know more about climate change and its impacts.	Link
▶ Secondary I	▶ The Impact of Pollution on Our Planet and Our Lives	▶ Through this activity, students will spend time researching different forms of pollution and explore ways to reduce environmental pollution.	Link
▶ Secondary I & II	▶ Getting climate-ready: a guide for schools on climate action	▶ This guide explains why schools should take on a whole-school approach to climate action, outlines how schools can plan, put into practice, and evaluate their own strategies and visions for reducing climate change.	Link