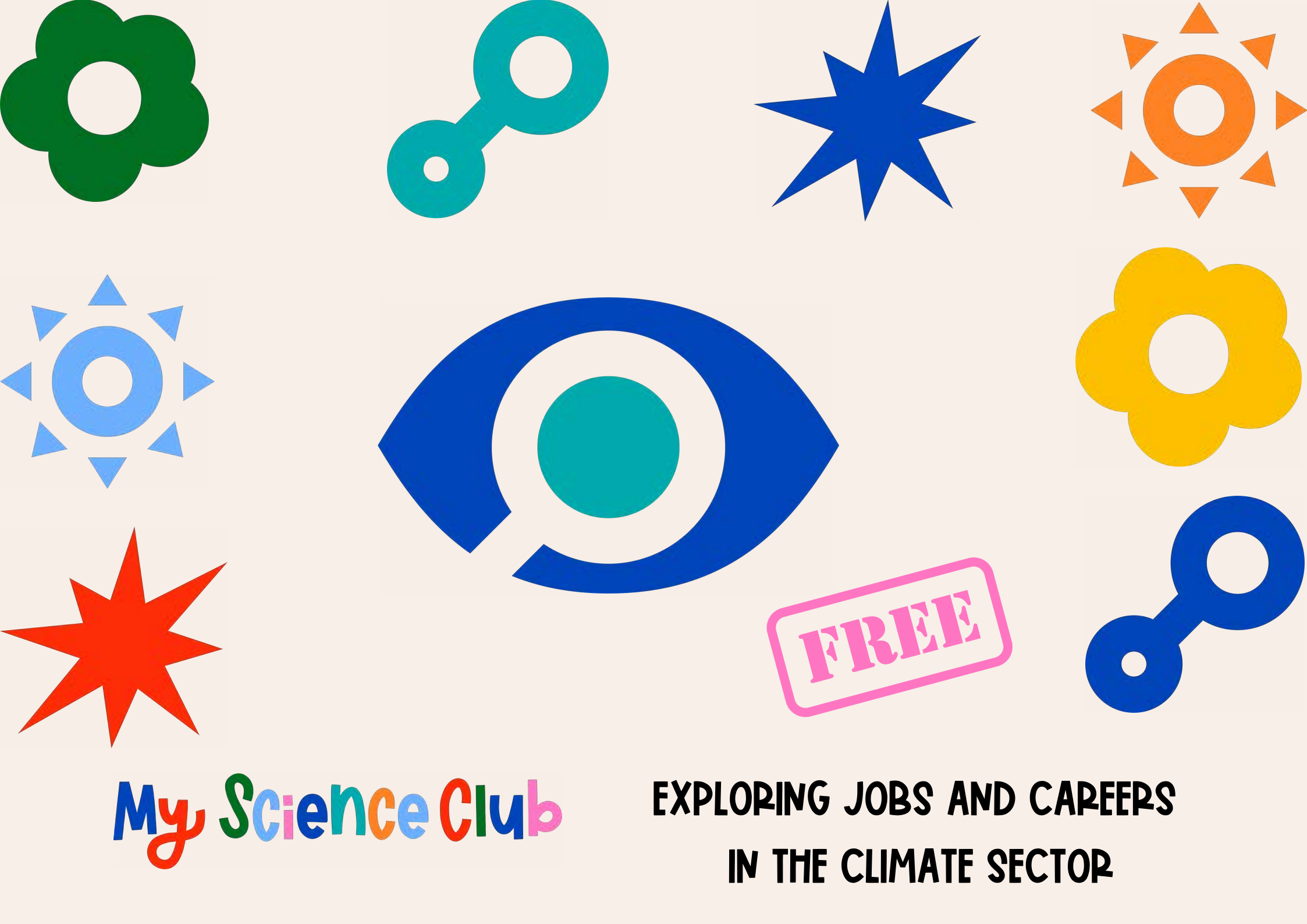

My Science Club

EXPLORING JOBS AND CAREERS IN THE CLIMATE SECTOR

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CAREERS IN THE CLIMATE SECTOR

A IS FOR ATMOSPHERIC CHEMIST

An atmospheric chemist investigates what's in the air, including pollutants and natural gases. They look at how human activities affect the atmosphere and contribute to problems like smog and climate change.

By understanding these chemical reactions in the air, they help us find ways to clean up pollution, reduce harmful emissions from cars and factories, and work towards a healthier atmosphere.

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CAREERS IN THE CLIMATE SECTOR

B IS FOR BIODIVERSITY CONSULTANT

A biodiversity consultant advises people and companies on how their actions might affect plants, animals, and their habitats. They help find ways to build roads or farms without harming nature too much.

By understanding how everything connects, they work to keep our planet's variety of life healthy and ensure a sustainable future for all living things.

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CAREERS IN THE CLIMATE SECTOR

C IS FOR CLIMATE CHANGE MODELLER

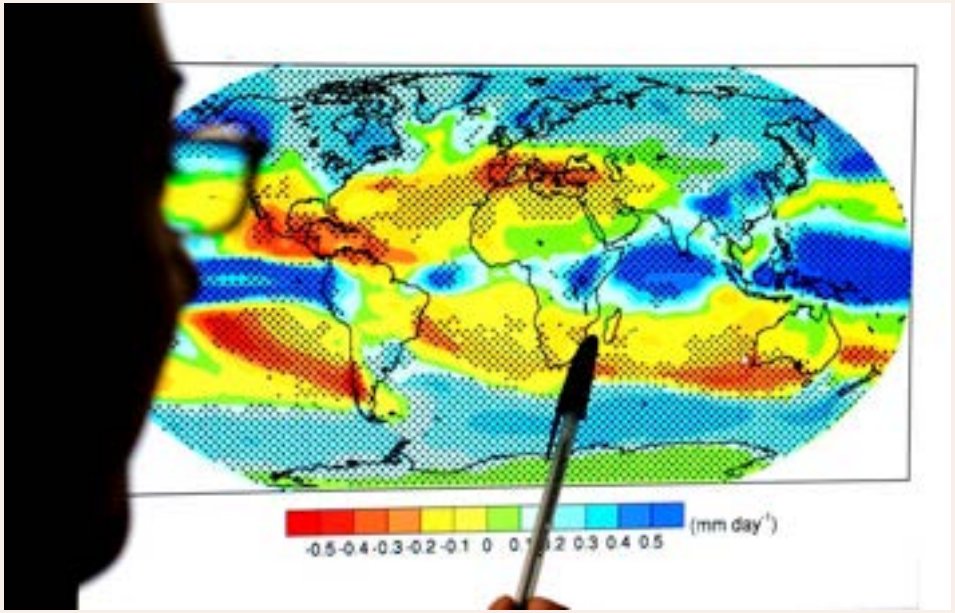

Photo from Alliance of Bioversity International and CIAT

Climate change is an incredibly complex process with lots of different factors all having an impact in different ways. Computer models are the only way that scientists can process all the data they have collected and predict what is going to happen in the future.

Climate change modellers are the scientists and computer programmers who create these sophisticated models.

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CAREERS IN THE CLIMATE SECTOR

E IS FOR ECOLOGIST

An ecologist explores ecosystems – like forests, oceans, and even your garden! They look at how things like pollution, climate change, and habitat loss affect these delicate balances.

By understanding these connections, ecologists help us figure out how to live more sustainably and protect the environment so that all living things can thrive now and in the future.

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CAREERS IN THE CLIMATE SECTOR

H IS FOR HABITAT DELIVERY SPECIALIST

Habitat delivery specialists create and maintain new habitats to support biodiversity. They will work to repair damaged habitats where there has previously been construction or land that has been reclaimed from industry, known as brownfield sites.

They need to have a deep understanding of biodiversity and how different species interact and depend on each other within an ecosystem.

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CAREERS IN THE CLIMATE SECTOR

N IS FOR NATURE RECOVERY MANAGER

A Nature Recovery Manager works to bring back damaged wild places. They might plant new forests, restore wetlands, or create safe spaces for endangered animals. They figure out how to help nature bounce back from things like pollution (oil spills) or habitat destruction (deforestation and wildfires).

By making nature healthy again, they create a more sustainable environment for all living things.

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CAREERS IN THE CLIMATE SECTOR

R IS FOR RED SQUIRREL RESEARCHER

A red squirrel researcher studies these animals in the wild. They track their movements, see what they eat and count how many there are. Because red squirrels are native to the UK and face threats to their existence, researchers help us understand how to protect them from things like habitat loss and the spread of grey squirrels.

By learning about red squirrels, we can help keep our forests healthy and ensure these charming animals have a sustainable future in our environment.

S IS FOR SUSTAINABLE TRANSPORT COORDINATOR

A Sustainable Transport Coordinator develops ways to make getting from place to place more environmentally friendly. They might plan more urban cycle paths, improve bus and train systems, or encourage electric cars. Their goal is to reduce pollution caused by too many vehicles using fossil fuels.

By making it easier, and better, to choose sustainable options, they create cleaner air and a healthier environment for all.

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CAREERS IN THE CLIMATE SECTOR

U IS FOR URBAN REWILDING OFFICER

An Urban Rewilding Officer finds ways to make parks and even forgotten corners of cities more like wild habitats. They might plant native wildflowers, create ponds for frogs, or let grassy areas grow longer to attract insects.

They make cities greener, help wildlife thrive, and even makes our neighbourhoods healthier and more interesting places to live by bringing a bit of wild back into our urban environment.

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CAREERS IN THE CLIMATE SECTOR

W IS FOR WASTE MANAGEMENT SPECIALIST

A Waste Management Specialist develops systems to deal with all the things we throw away. They work on reducing waste in the first place, encouraging recycling so old things can become new again, and finding safe ways to dispose of what is left.

Their job is important for keeping our environment clean, preventing pollution, and finding more sustainable ways to handle our rubbish so it doesn't harm the planet.