

# UNIT 1 - INTRODUCTION TO GEOGRAPHY

## Content

- The names and locations of the continents
- Key facts about each continent
- The names and location of the major seas and oceans
- The names and locations the major rivers
- The names and locations of the major deserts
- The names and locations of the major mountain ranges
- What latitude and longitude are and their use in locating places

## Resources & ICT

- Atlas
- Worksheets
- Powerpoint presentations
- Internet research: news websites, Youtube clips
- iPad: vocabulary flashcards, CIA world factbook app, Google Earth app

## Types of assessment

- Interactive class discussions, on-the-spot performance, quiz, think-pair-share, observation and questioning, mapping, question and answer worksheets, class discussion and presentations, vocabulary worksheets and factual quizzes
- End of unit topic test

## Students to Know

- Main political divisions of the world
- Main physical features of the world
- Latitude and longitude

## Students to Understand

- The spatial distribution of the world's countries, continents and key features

## Students to be able to Do

- Plot information onto a blank outline map with a key
- Describe a map
- Use the internet to research geographical information
- Use an atlas index page and use the information to find a location within the atlas

## Cross curricular links

- History; formation of maps
- Maths; plotting information from longitude and latitude

## Differentiation incl. EAL

- Team work: pairing language learners with native speakers
- Simplified rubrics
- Language support and writing frames for written tasks

## Learning styles activities

- Verbal and aural: class and small group discussions, video clips
- Reading and writing: comprehension and extended writing exercises
- Both individual and team research
- Kinesthetic: map and poster creation



Road sign marking Tropic of Cancer, Madhya Pradesh, India

Santosh Bharati / CC BY-SA 3.0

## Global citizenship, internationalism, local environment

- Physical and human geography around the world

# UNIT 2 - ECOSYSTEMS - THE TROPICAL RAINFOREST

## Content

- The location of the tropical rainforest
- The climate of the tropical rainforest
- The vegetation found in the rainforest
- The characteristics of the soil
- The animals found in the rainforest
- The causes of deforestation
- The wide range of impacts that deforestation has locally and globally

## Resources & ICT

- Atlas
- Worksheets
- Powerpoint presentations
- Internet research: news websites, Youtube clips
- iPad: vocabulary flashcards, CIA world factbook app, Google Earth app

## Types of assessment

- Interactive class discussions, on-the-spot performance, quiz, think-pair-share, observation and questioning, mapping, question and answer worksheets, class discussion and presentations, vocabulary worksheets and factual quizzes
- End of unit topic test

## Students to Know

- The climate of the rainforest and the impacts of the climate on plants, animals and the humans who live there
- Why deforestation occurs
- The impacts of deforestation

## Students to Understand

- Why the rainforest has high temperatures and rainfall
- How and why plants are adapted to the climate of the rainforest.
- How and why animals are adapted to the rainforest.
- How and why humans have adapted to living in the rainforest.
- Why the forest is being cut down and the impacts of deforestation.
- How uses of the rainforest can lead to conflict

## Students to be able to Do

- Use an atlas to help plot information on a blank map
- Label a diagram clearly
- Draw a picture to illustrate ideas
- Interpret a pie chart
- Formulate an argument for or against an issue in a debate

## Cross curricular links

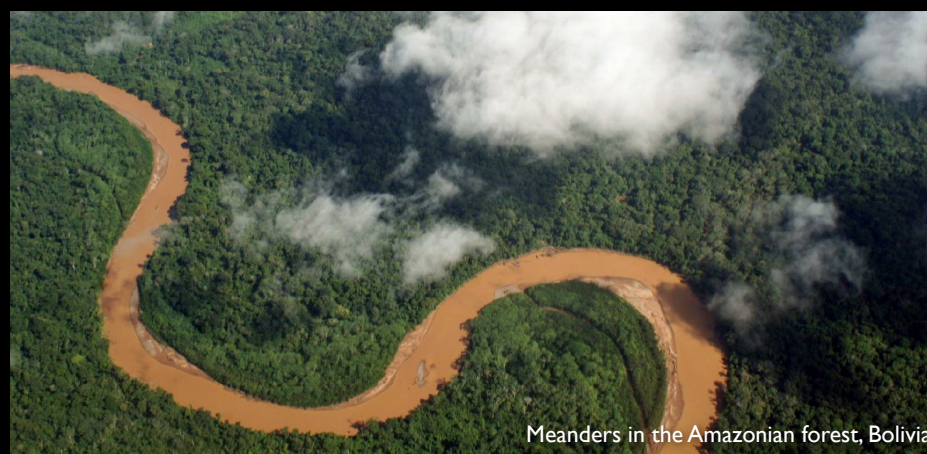
- Biology; animal and plant adaptations
- Chemistry; soil composition

## Differentiation incl. EAL

- Team work: pairing language learners with native speakers
- Simplified rubrics
- Language support and writing frames for written tasks

## Learning styles activities

- Verbal and aural: class and small group discussions, video clips
- Reading and writing: comprehension and extended writing exercises
- Both individual and team research
- Kinesthetic: map and poster creation



Meanders in the Amazonian forest, Bolivia

Jonathan Lewis / CC BY-SA 2.0

## Global citizenship, internationalism, local environment

- Impact of local decisions on the local and global environment
- Importance of cooperation between different stakeholders in the Amazon

# UNIT 3 - COASTAL ENVIRONMENTS

## Content

- What causes waves and affects how big they get
- What causes tides
- How sediment is transported at the coast
- The different methods of coastal erosion and weathering
- The formation of erosional landforms: wave cut platforms, headlands and bays, caves, arches stacks and stumps
- The formation of depositional landforms: beaches, spits, marshes
- The impact of global sea level rise on the coastline
- Hard and soft engineering

## Resources & ICT

- Atlas
- Worksheets
- Powerpoint presentations
- Internet research: news websites, Youtube clips
- iPad: vocabulary flashcards, CIA world factbook app, Google Earth app

## Types of assessment

- Interactive class discussions, on-the-spot performance, quiz, think-pair-share, observation and questioning, mapping, question and answer worksheets, class discussion and presentations, vocabulary worksheets and factual quizzes
- End of unit topic test

## Students to Know

- The cause of wave and tides
- The impact of transportation, erosion, weathering and deposition on the coastline; how to manage coastal erosion
- A case study to show sea level rise impacts
- A case study of coastal erosion and management

## Students to Understand

- How longshore drift and erosion processes work
- Why deposition occurs; the sequence of erosion at a headland

## Students to be able to Do

- Use an atlas to locate a particular coastline
- Use an OS map key to work out what the symbols mean
- Understand contours
- Use 4 and 6 figure grid references
- Use compass directions
- Use the map scale to work out straight line and curved distances
- Draw neat and well-labelled diagrams
- Explain how a landform is created
- Construct a cost-benefit analysis to make decisions

## Cross curricular links

- Physics; cause of tides
- Maths; calculating distances

## Differentiation incl. EAL

- Team work: pairing language learners with native speakers
- Simplified rubrics
- Language support and writing frames for written tasks

## Learning styles activities

- Verbal and aural: class and small group discussions, video clips
- Reading and writing: comprehension and extended writing exercises
- Both individual and team research
- Kinesthetic: map and poster creation



White sandy beach, Maldives

Elite Diving Agency / CC BY-SA 3.0

## Global citizenship, internationalism, local environment

- Impact of local decisions on the environment down-drift along the coastline
- Impact of global warming and sea level rise on the coastline





# UNIT 4 - CRIME

## Content

- Definition of crime
- Spatial analysis of crime
- Different types of crime.
- How to prevent crime using geographical information
- GIS and its use for the police
- Global crime
- The future of crime

## Resources & ICT

- Atlas
- Worksheets
- Powerpoint presentations
- Internet research: news websites, Youtube clips
- iPad: vocabulary flashcards, CIA world factbook app, Google Earth app

## Types of assessment

- Interactive class discussions, on-the-spot performance, quiz, think-pair-share, observation and questioning, mapping, question and answer worksheets, class discussion and presentations, vocabulary worksheets and factual quizzes
- End of unit topic test

## Students to Know

- Types of crime and their spatial patterns
- How to use GIS and street view to prevent crime
- How crime has changed over time and its future

## Students to Understand

- Key terms such as target hardening, defensible space, designing our crime and physical disorder
- How geographical information can be used to plot and prevent crime

## Students to be able to Do

- Plot and locate crime hotspots
- Interpret a line graph
- Use questionnaires to research a topic
- Draw a pie chart
- Complete a venn diagram
- Conduct fieldwork around the school site
- Evaluate the success of fieldwork
- Draw a choropleth map

## Cross curricular links

- History; formation of maps
- Maths; plotting information from longitude and latitude

## Differentiation incl. EAL

- Team work: pairing language learners with native speakers
- Simplified rubrics
- Language support and writing frames for written tasks

## Learning styles activities

- Verbal and aural: class and small group discussions, video clips
- Reading and writing: comprehension and extended writing exercises
- Both individual and team research
- Kinesthetic: map and poster creation



Yumi Kimura / CC BY-SA 2.0

## Global citizenship, internationalism, local environment

- Impact of globalisation on crime levels
- How to prevent crime in the local environment

# UNIT 5 - WEATHER AND CLIMATE

## Content

- Weather and climate
- The factors that influence the climate
- What type of climate the EU has and why
- Different types of rain
- High and low pressure systems
- Clouds
- Measuring the weather and microclimates
- Global warming

## Resources & ICT

- Atlas
- Worksheets
- Powerpoint presentations
- Internet research: news websites, Youtube clips
- iPad: vocabulary flashcards, CIA world factbook app, Google Earth app

## Types of assessment

- Interactive class discussions, on-the-spot performance, quiz, think-pair-share, observation and questioning, mapping, question and answer worksheets, class discussion and presentations, vocabulary worksheets and factual quizzes
- End of unit topic test

## Students to Know

- The definition of weather and climate
- How rain and clouds form
- How to measure weather

## Students to Understand

- The difference between weather and climate
- Why different locations experience different climates
- How and why the climate is changing with global warming

## Students to be able to Do

- Interpret and draw climate graphs
- Describe a graph
- Interpret an atlas climate map
- Draw and annotate diagrams
- Interpret weather map symbols

## Cross curricular links

- Chemistry; cloud formation

## Differentiation incl. EAL

- Team work: pairing language learners with native speakers
- Simplified rubrics
- Language support and writing frames for written tasks

## Learning styles activities

- Verbal and aural: class and small group discussions, video clips
- Reading and writing: comprehension and extended writing exercises
- Both individual and team research
- Kinesthetic: map and poster creation



A fallstreak hole over Austria

H. Raab (Vesta) / CC BY-SA 3.0

## Global citizenship, internationalism, local environment

- Impact of global warming on weather and climate predictions