

These six-lesson schemes of work provide a framework to teach a unit of KS2 geography. See the notes in red under each heading below for further details on how these schemes are structured. To give you flexibility with your lessons, additional resources are listed under: Reading Resources, Enquiry Activities, Vocabulary Game, Assessment/End of Topic Review and Making Connections Across Subjects. These can be used in addition to the Lesson Resources if you have more time or more than six lessons in your unit.

Enquiry Theme:

An overarching enquiry question to form the basis of your lesson.

Learning Objective:

The lesson's objective.

Success Criteria:

What the children should achieve by the end of the lesson.

Reading Resources

Any guided reading texts, fact files or word mats related to the lesson will be referenced here. They can be used in addition to the lesson resources or as support during the lesson.

Key Words

A group of suggested words that can be displayed during the lesson to support learning.

Lesson Resources

Here you will find a list of all of the resources you need for each lesson. Before the lesson begins, you will need to open the relevant PowerPoint presentation (oddizzi.com - teachers - topic planning). Paper-based resources will need to be printed for pupils to use. Physical resources will also be listed here, such as atlases and apparatus.

Main Teaching Points

An overview of the lesson is highlighted.

PowerPoint slide numbers for each lesson are clearly identified.

Online pages/films to support the PowerPoint are referenced.

Pupil Activities

Whole class activity

This provides a chronological commentary for the activities the children will carry out during the lesson using the lesson resources.

Atlas activity

An activity that involves the use of an atlas to explore the lesson objective.

Practical activity

This provides the option of an activity that is more hands on.

Enquiry activities

Open and closed enquiry questions can be used as a dialogue throughout the lesson, as a focus point to drive learning forward or as a plenary.

The What If questions can also be used verbally, as a whole class activity or as an individual written extension activity during a lesson.

Vocabulary game

There are two vocabulary games in each unit, in lessons three and six. They are to be played as a whole class, in teams of two.

Assessment/End of topic review

An assessment paper that can be used to individually track learning or as a whole-class end-of-topic review.

Making connections across subjects

Suggested additional activities for the lesson that link to other subjects such as English or Maths.

National curriculum links

- National Curriculum statements that relate to the lesson will be displayed here.

All resources can be found at: [oddizzi.com](https://www.oddizzi.com) - teachers - topic planning - earthquakes

Enquiry Theme:

Why do earthquakes occur?

Learning Objective:

Explain why earthquakes occur

Success Criteria:

I can describe what an earthquake is

I can label the Earth's plates and plate boundaries

I can explain why and where earthquakes occur

Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

Guided Reading: Earthquakes

Word Mat: Earthquakes

Key Words

earthquake	continent
plates	mantle
tectonic	boundaries

Lesson Resources

PowerPoint: Earthquakes

Online Pages: See Main Teaching Points

KS2 Activities: 1. KWL 2. What is an earthquake? Frayer model
3. The Earth's plates

Main Teaching Points

This lesson covers what an earthquake is, why they happen and explores the tectonic plates.

Online Pages: Explore the world - physical features - earthquakes - What is an earthquake?

Online Pages: Explore the world - physical features - earthquakes - Why and where?

Online Pages: Explore the world - physical features - earthquakes - The earth's plates

Online Pages: Explore the world - physical features - earthquakes - Why do plates move?

Earthquakes PowerPoint - Slides 2 to 9

Pupil Activities

Whole class activity

Pupils fill in the KWL sheet at the beginning of the lesson to find out how much they already know about earthquakes.

Answer the questions about the earth's plates, using the map for support.

Using the pages within Oddizzi, pupils fill in the Frayer model to share what they have learnt about earthquakes in the lesson.

Enquiry activities

- What do I want to know about earthquakes?
- Where do most earthquakes happen?
- What happens when there is an earthquake at sea?
- In what different ways do plates push against each other?

What if...Europe was part of the Ring of Fire?

Quiz

Play individually, as a class or at home.

Volcanoes and Earthquakes

National curriculum links

- Describe and understand key aspects of physical geography, including: volcanoes and earthquakes.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

All resources can be found at: [oddizzi.com](https://www.oddizzi.com) - teachers - topic planning - earthquakes

Enquiry Theme:

What can we learn from some famous earthquakes?

Learning Objective:

Locate where famous earthquakes have occurred and find out some key facts

Success Criteria:

I can locate where famous earthquakes have occurred

I can identify key facts about famous earthquakes

Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

Guided Reading: Earthquakes

Word Mat: Earthquakes

Key Words

continent

tectonic plates

boundaries

Lesson Resources

PowerPoint: Earthquakes

Online Pages: See Main Teaching Points

Map Resource: Blank world map

KS2 Activity: Earthquakes – Big ideas

Main Teaching Points

This lesson looks at famous earthquakes around the world and includes key facts about each, using pages at [Oddizzi.com](https://www.oddizzi.com).

Online Pages: Explore the world - physical features - earthquakes - Why and where?

Online Pages: Explore the world - physical features - earthquakes - When do they occur?

Online Pages: Explore the world - physical features - earthquakes - Massive quakes

Earthquakes PowerPoint - Slides 10 to 13

Pupil Activities

Whole class activity

Pupils locate famous earthquakes around the world on the continent map.

Using online pages at [Oddizzi.com](https://www.oddizzi.com), pupils fill in their Big Ideas sheet.

Enquiry activities

- Where did these earthquakes happen?
- What plates are these places on?
- What happens during an earthquake?
- How would I explain earthquakes to someone who had never heard of them?

What if...people always knew when an earthquake was going to happen?

Quiz

Play individually, as a class or at home.

Volcanoes and Earthquakes

National curriculum links

- Describe and understand key aspects of physical geography, including: volcanoes and earthquakes.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

All resources can be found at: oddizzi.com - teachers - topic planning - earthquakes

Enquiry Theme:

Why are some earthquakes bigger than others?

Learning Objective:

Write a report about a famous earthquake

Success Criteria:

I can locate where famous earthquakes have occurred

I can identify key facts about famous earthquakes

I can write a report about a famous earthquake

Lesson Resources

PowerPoint: Earthquakes

Online Pages: See Main Teaching Points

KS2 Activities: Written report – A massive quake

Main Teaching Points

This lesson explores famous earthquakes around the world in more detail.

Online Pages: Explore the world - physical features - earthquakes - Massive quakes

Online Pages: Explore the world - physical features - earthquakes - the size of quakes

Earthquakes PowerPoint - Slides 14 to 20

Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

Guided Reading: Earthquakes

Guided Reading: Second Earthquake hits Nepal

Word Mat: Earthquakes

Pupil Activities

Whole class activity

Read the Guided Reading news article on Nepal and pull-out features.

Using the information they have acquired in the lesson, along with Oddizzi.com online pages, pupils write a report on an earthquake of their choice.

Enquiry activities

- How do people measure earthquakes?
- What were the main effects of the massive earthquake we found out about?
- What were the main differences between the earthquakes we found out about?
- Can I suggest some reasons why earthquakes affect places differently?

What if... you were the first to spot the warning signs of a tsunami?

Vocabulary game

Earthquakes 1 Follow Me Cards and Teacher Notes

Quiz

Play individually, as a class or at home.

Volcanoes and Earthquakes

Key Words

continent	Richter scale
tsunami	aftershock
ocean	

National curriculum links

- Describe and understand key aspects of physical geography, including: volcanoes and earthquakes.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

All resources can be found at: [oddizzi.com](https://www.oddizzi.com) - teachers - topic planning - earthquakes

Enquiry Theme:

How do earthquakes affect people and places?

Learning Objective:

Identify the effects of earthquakes on land and people

Success Criteria:

I can identify the effects of earthquakes on land
I can identify the effects of earthquakes on people

Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

Guided Reading: Earthquakes

Word Mat: Earthquakes

Key Words

effect rubble

short-term

long-term

Lesson Resources

PowerPoint: Earthquakes

Online Pages: See Main Teaching Points

KS2 Activities: 1. How do earthquakes affect people and land?

Main Teaching Points

This lesson explores the effects of earthquakes on land and people.

Online Pages: Explore the world - physical features - earthquakes - The effects of quakes

Earthquakes PowerPoint - Slides 21 to 27

Pupil Activities

Whole class activity

Brainstorm the effects on people and land. Sort them into short-term and long-term effects, using the sheet provided.

Enquiry activities

- What effects can earthquakes have on the land, roads and buildings?
- What immediate effects can earthquakes have on people and communities?
- What longer-term impacts can earthquakes have on people and communities?
- What might a timeline for a massive earthquake look like: first hour, first day, first week, first month, first year?

What if... there was an earthquake every Thursday?

Quiz

Play individually, as a class or at home.

Volcanoes and Earthquakes

National curriculum links

- Describe and understand key aspects of physical geography, including: volcanoes and earthquakes.

All resources can be found at: oddizzi.com - teachers - topic planning - earthquakes

Enquiry Theme:

What help do people need before and after an earthquake?

Learning Objective:

Identify the help people need after an earthquake

Success Criteria:

I can describe and explain what kind of help people need after an earthquake

Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

Guided Reading: Earthquakes

Word Mat: Earthquakes

Key Words

human
aid
features
survival kit
map

Lesson Resources

PowerPoint: Earthquakes

Online Page: See Main Teaching Points

Films: See Main Teaching Points

KS2 Activities: 1. Earthquake survival kit 2. Aid for survivors of an earthquake

Main Teaching Points

This lesson explores the items people would need to prepare when living in an earthquake-prone area, as well as the aid an area would receive once hit.

Online Pages: Explore the world - physical features - earthquakes - Help for quake victims

Films: Explore the world - physical features - earthquakes (film clips about ShelterBox on the right-hand side)

Earthquakes PowerPoint - Slides 28 to 33

Pupil Activities

Whole class activity

Pupils read through the list of the potential objects they could include in an emergency earthquake kit. They choose six items they feel are the most important and verbalise or write down their choices with justification.

Using the aid for survivors sheet, pupils think about what should be included in an aid kit for earthquake survivors.

Enquiry activities

- What would you include in an emergency earthquake kit?
- What objects would be most useful to you after an earthquake?
- What other help might be useful after an earthquake?
- Why might different places sometimes need different things?

What if...emergency kits were already in the countries most at risk from quakes?

Making connections across subjects

English: Role-play as ShelterBox and debate what you would include in your box.

Quiz

Play individually, as a class or at home.
Volcanoes and Earthquakes

National curriculum links

- Describe and understand key aspects of physical geography, including: volcanoes and earthquakes.

All resources can be found at: [oddizzi.com](https://www.oddizzi.com) - teachers - topic planning - earthquakes

Enquiry Theme:

What could you do if an earthquake happened?

Learning Objective:

Identify how to prepare for an earthquake

Success Criteria:

I know what to do in the event of an earthquake
I can reflect on how volcanoes and earthquakes are linked

Reading Resources

To use in English lessons, guided reading sessions, small group work, or as homework tasks.

Guided Reading: Earthquakes

Word Mats: Earthquakes

Key Words

drill	volcano
aid	Venn diagram
survival kit	
preparation	

Lesson Resources

PowerPoint: Earthquakes

Online Page: See Main Teaching Points

KS2 Activities: 1. Instructions writing frame 2. How are volcanoes and earthquakes linked? Venn diagram

Main Teaching Points

This lesson looks at the importance of preparing for an earthquake and what you should and shouldn't do in the event of one.

Earthquakes PowerPoint - Slides 34 to 40

Online Pages: Explore the world - physical features - earthquakes - Protect yourself

Pupil Activities

Whole class activity

Pupils write a set of instructions for what to do in the event of an earthquake.

Enquiry activities

- What can you do to prepare yourself for an earthquake?
- What can you do to keep yourself safe during an earthquake or tsunami?
- What should you avoid doing if an earthquake happens?
- How are earthquakes and volcanoes related to each other?

What if... all buildings were earthquake-proof?

Vocabulary game

Earthquakes 2 Follow Me Cards and Teacher Notes

Assessment/End of topic review

Earthquakes assessment paper LKS2 and UKS2

Making connections across subjects

Drama: Design and carry out an earthquake drill.

Maths: How are volcanoes and earthquakes linked? Venn diagram.

Quiz

Play individually, as a class or at home.

Volcanoes and Earthquakes

National curriculum links

- Describe and understand key aspects of physical geography, including: volcanoes and earthquakes.