

CONTINENTAL DRIFT OF PLATES

Welcome to GCSE Geography



225 Million Years Ago



150 Million Years Ago



100 Million Years Ago

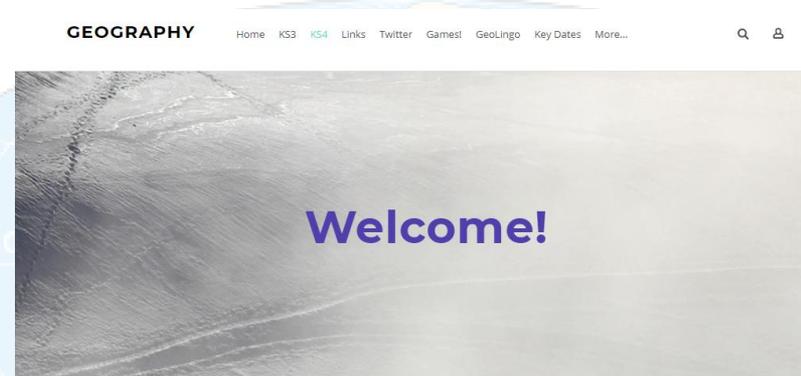


Earth Today

Where will it take us today?

CONTINENTAL DRIFT OF PLATES

	A01: Knowledge	A02: Understanding	A03: Application of K&U
Comprehensive	good range detailed and accurate fully relevant to the Qn	good range detailed and accurate fully relevant to the Qn	detailed & accurate analysis substantiated judgements substantiated evaluation
Thorough	range accurate relevant to the Qn.	range accurate relevant to the Qn.	accurate analysis supported judgements supported evaluations
Reasonable	some relevant to the Qn.	some; relevant to the Qn	some accuracy partially supported judgement partially supported evaluation
Basic	limited relevant knowledge	limited but relevant	limited analysis unsupported judgement unsupported evaluation



OCR B GCSE 9-1: Geography for Enquiring Minds

Use the links below to navigate to your current GCSE geography topic

1. [Global Hazards](#)
2. [Changing Climate](#)
3. [Distinctive Landscapes](#)
4. [Sustaining ecosystems](#)
5. [Urban Futures](#)
6. [Dynamic Development](#)
7. [UK in the 21st century](#)
8. [Resource Reliance](#)
9. [Y11 Revision Resources](#)

The G.C.S.E geography course in a nutshell [well... a one page summary]

 [gce_9-1_geography_nuts.pdf](#)
Download File

225 Million Years Ago



100 Million Years Ago



Earth Today

Who? What? Where?

**That wouldn't happen in the UK
or in Spain or in France. I'd
never have
moved there if I'd have known**





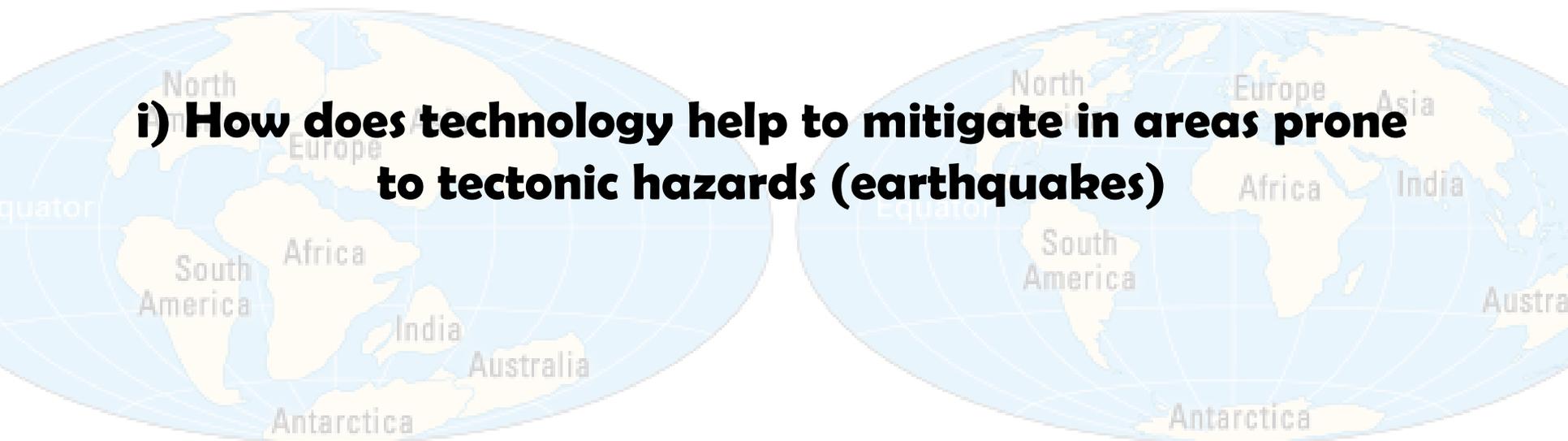
TOPIC 1.2:
GLOBAL HAZARDS

1.2c: How does technology have the potential to save lives in hazard zones?

225 Million Years Ago

150 Million Years Ago

i) How does technology help to mitigate in areas prone to tectonic hazards (earthquakes)



100 Million Years Ago

Earth Today

Think back.....



Caused the Himalayas

225 Million Years Ago

Caused the Rift Valley

Another term for conservative plates

Cause of hotspots

WOTW – Birmingham!

City with 10 million population = geolingo?

TRF Nature reserve case study

Breed of 'super goat'?

Name of river variable change model?

Name of model about population change?

Name the 4 types of economic activity

Type of roots on a TRF tree

100 Million Years Ago

Earth Today

How many points can you rack up?

How can technology help mitigate the impact of earthquakes?

Learning is successful when I can:

- Explain how technology is used to predict, prepare and protect people from the impacts of earthquakes

Impressive Vocabulary
Seismic gaps

Keywords

Mitigation
Plan
Predict
protect
Prepare
Adapt
Retro-fit

Geography Skills:

Scale
Conceptual understanding

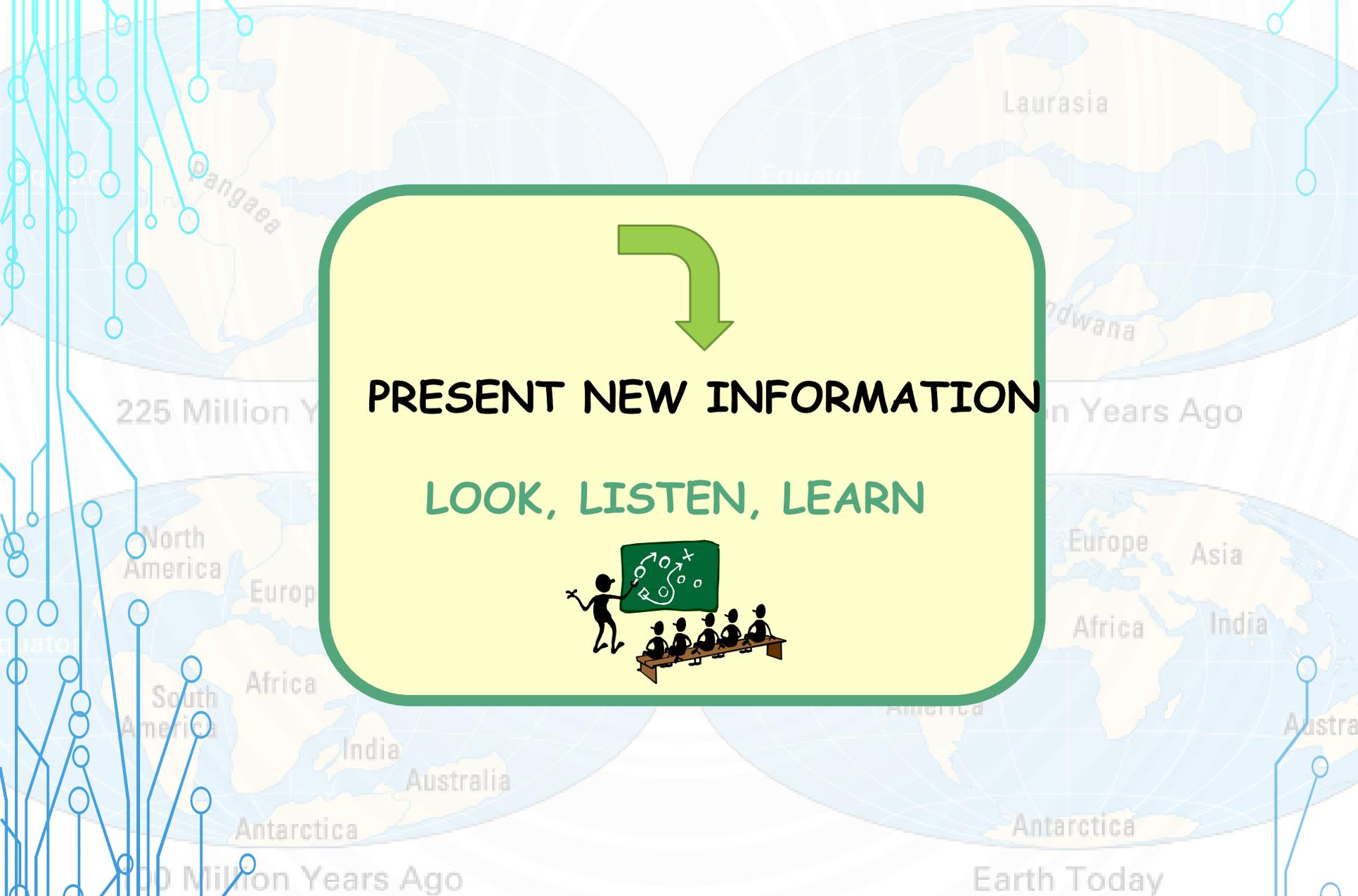
Literacy Skills:

Capital Letter
Exam writing
Evaluation

Employability Skills:

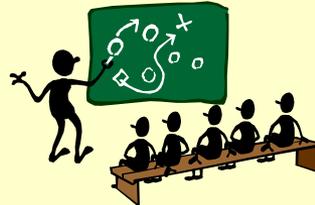
Independent thinking
Empathy
Decision Making

CONTINENTAL DRIFT OF PLATES



PRESENT NEW INFORMATION

LOOK, LISTEN, LEARN

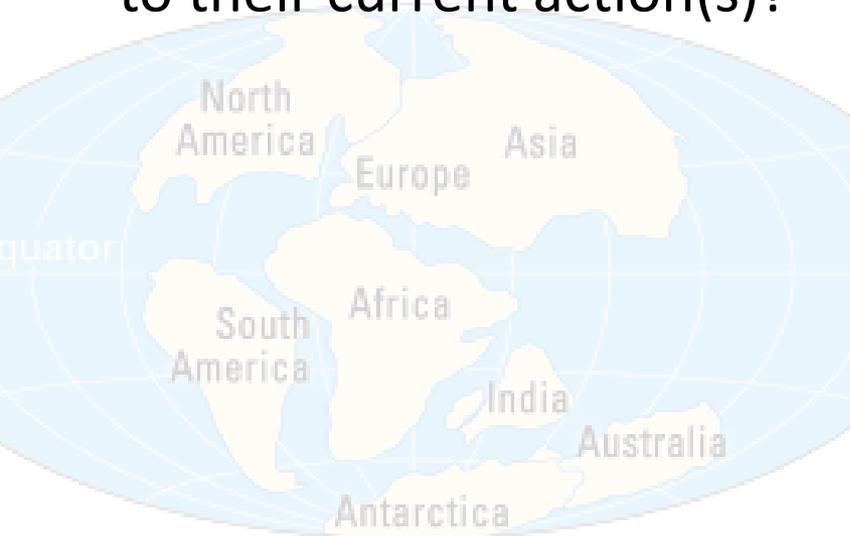


Hazard Mitigation

State **THREE** potential hazards represented in the cartoon below

To what extent will the person's attempt to *mitigate* against the hazards be successful?

What else might the person have done instead of or in addition to their current action(s)?



100 Million Years Ago



Earth Today

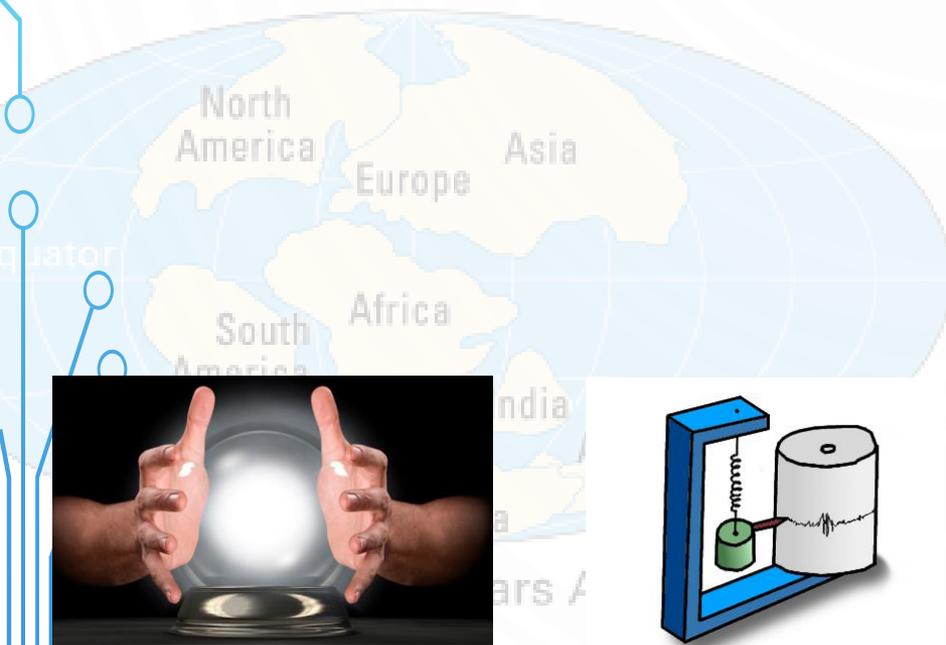
Think Back: Nepal 2015

The THREE biggest impacts were



This was a result of

150 Million Years Ago



Predict & warn

Educate (and Protect) people

Prepare &/or adapt buildings and infrastructure

Technology & Equipment to be used:

Technology & Equipment to be used:

Technology & Equipment to be used:

225 Million Years Ago

150 Million Years Ago

Which impacts would this help to reduce?

Which impacts would this help to reduce?

Which impacts would this help to reduce?

Suitable for ALL countries?

Suitable for ALL countries?

Suitable for ALL countries?

100 Million Years Ago

Earth Today

Hazard Mitigation in Nepal

Rank the THREE strategies in order of usefulness for Nepal

If you had to recommend ONE strategy for Nepal, which would it be and why?

How might your response be different if you were recommending a strategy for an AC country?

Nepal – the future

- re-build Kathmandu with earthquake proof buildings OR
- re-locate Kathmandu (the capital city) to a new location

100 Million Years Ago

Earth Today

Stock-check

Update your keyword list

- Mitigation
- Plan
- Predict
- protect
- Prepare
- Adapt
- Retro-fit



✓ Lit. Checklist

Peer assess, get your work checked.

Accuracy



Spelling



Grammar



✓ PLC Checklist

Track your coverage and assess your confidence



America

India

Australia

Antarctica

100 Million Years Ago

Antarctica

Earth Today

WHAT WOULD AN EXAM QUESTION LOOK LIKE?



Explain how technology can be used to mitigate against a tectonic hazard of your choice [6]

8 mins

Steps to Success

1. Box
2. Underline
3. Lingo to include
4. Write it! Remember to Glance back
5. Spell- check

* Point Explain Evidence Evaluation Link

S H E E P

Place Specific Detail

WHAT WOULD AN EXAM ANSWER LOOK LIKE?

Page
44/45

6
mins
peer
assess



Explain how technology can be used to mitigate against a tectonic hazard of your choice [6]

Tectonic hazard = earthquake

Technology eg seismometers and satellites can be used to create hazard maps [1], so development in hazard prone areas is reduced, cutting the cost of damage and rebuilding after an event [1]. Warnings can be sent via text message but the downside is that these give very little time to act. [1] Apps are being developed to help warn people of ground shaking too [1].

Technology can be used to adapt or retro-fit buildings [1] to help them better withstand earthquakes eg cross-braced frames and shock absorbers [1]. This reduces the likelihood of collapse and injury and death to people [1]



Earth Today

How can technology help mitigate the impact of earthquakes?

Learning is successful now I can:

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Seismic gaps

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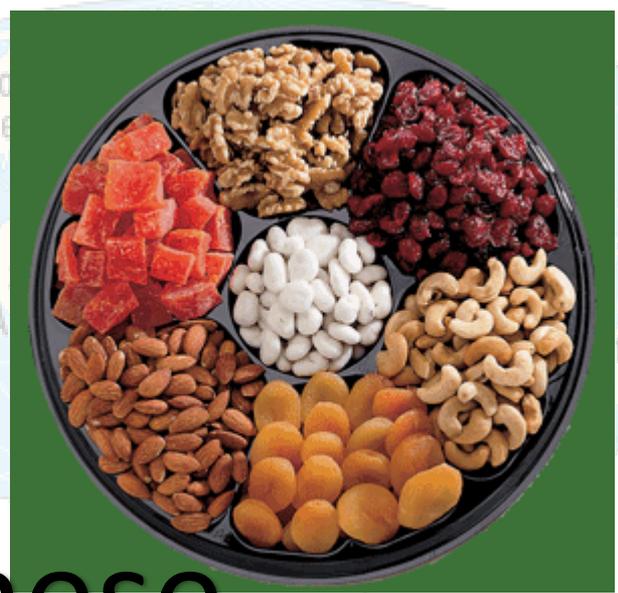
Employability Skills:

Independent thinking
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Reject FOUR of these

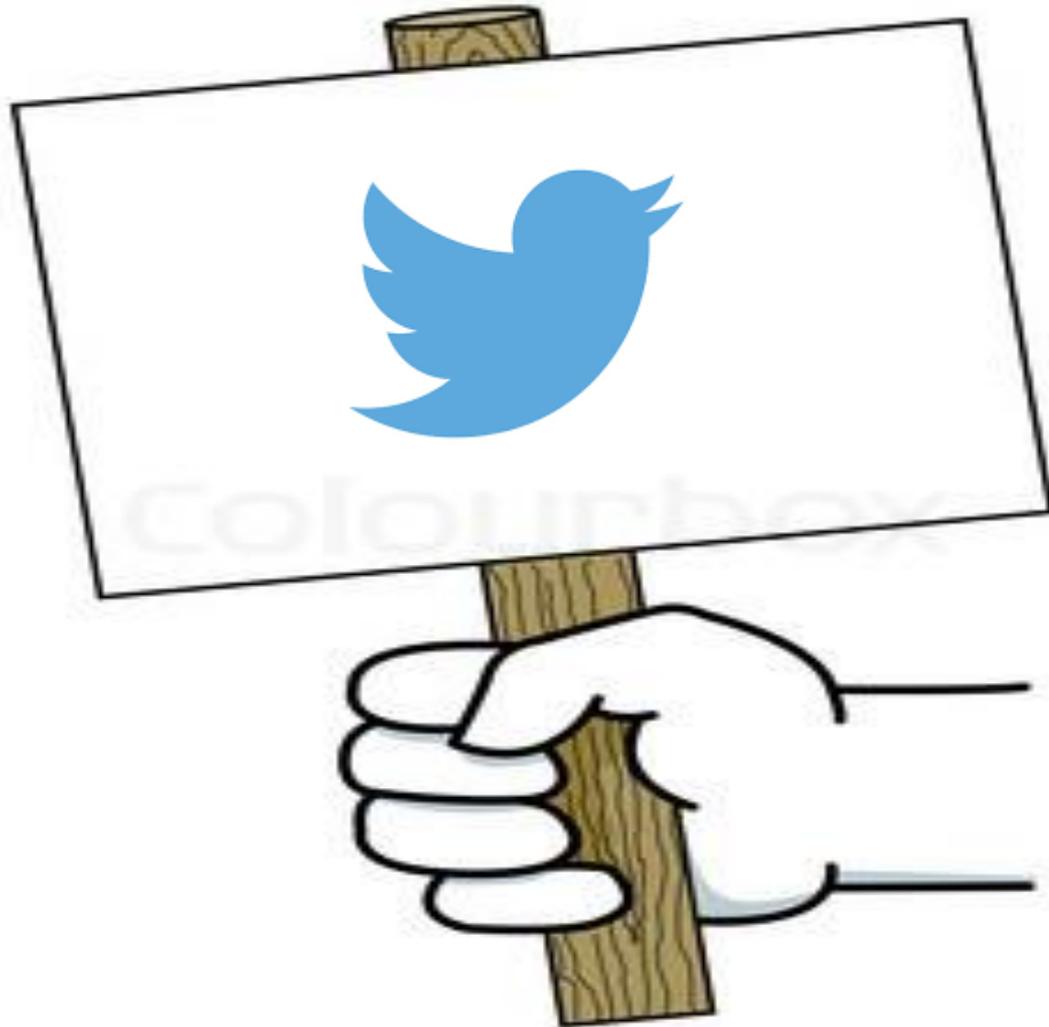


Million Years Ago

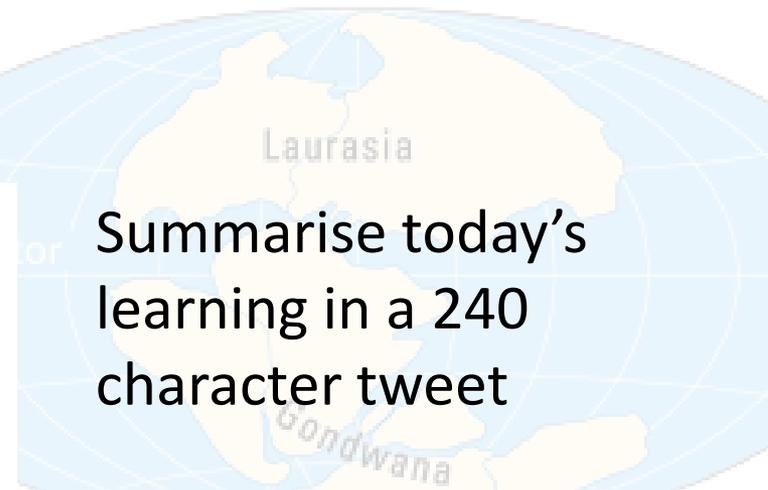


Replace TWO of these

CONTINENTAL DRIFT OF PLATES



100 Million Years Ago



Summarise today's learning in a 240 character tweet

#key words

150 Million Years Ago



Earth Today