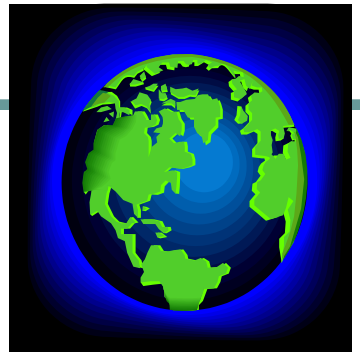
ESDGC, Science and the wider curriculum

Module: ECAD4006

REVISION





Session Aims

- To explore the value of using an educational visit to promote aspects of ESDGC
- To consolidate your understanding of the aims, learning outcomes and assessment guidelines of the module

Why include educational visits?

https://padlet.com/sioned h7/xyb7apvhmnoc

Real world, real learning, real benefits

Education is **not something to keep in a box**, even when the box is classroom-shaped. The **habit of learning**, an urge to find out more, is developed **when we feel inspired**. The world outside the school is **richly inspiring, constantly re-energising** what takes place within the classroom. It is the **source of all our learning** – about our history, about our culture, about our place in the natural world and our relationships with each other.

https://www.rspb.org.uk/globalassets/downloads/documents/positions/education/out-of-classroom-learning-guide---text-only-version.pdf

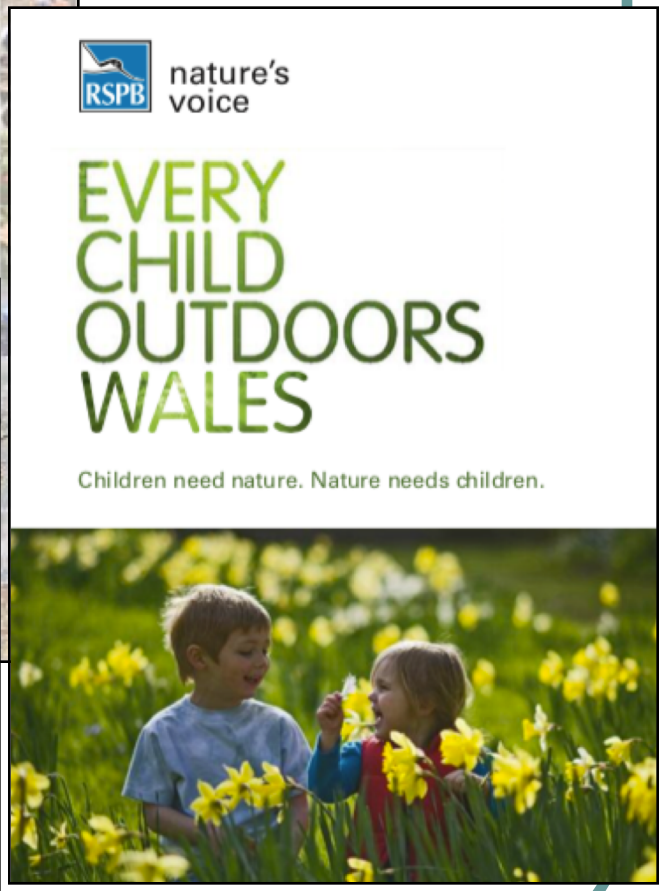
Useful references

- RSPB (2006) *Out-of-Classroom Learning Practical information and guidance for schools and teachers*. Bedfordshire: RSPB. https://www.rspb.org.uk/globalassets/downloads/documents/positions/education/out-of-classroom-learning-guide---text-only-version.pdf

Useful references – moodle*







How can you use the NBGW?



ASSIGNMENT - REVISION

- Aim of the module
- Learning outcomes
- Assignment title
- Resource – lesson plans
- Explanation
- Submission

Aim of module

- To develop students' **knowledge**, **understanding** and **skills** in **teaching Education** for **Sustainable Development** and **Global Citizenship** (ESDGC) in the **primary school**, with a particular focus on scientific contexts.

Learning Outcomes

- To demonstrate **knowledge** and **understanding** of the **rationale** and **curriculum guidance** for teaching ESDGC in the primary curriculum in Wales

- To recognise the particular **contribution** of **science** and the **wider curriculum** in promoting **ESDGC** and the '**four purposes** of the Curriculum in Wales'

Learning Outcomes

- To **plan effectively** for the teaching of ESDGC in **science**, **cross-curricular themes** and **wider curriculum** contexts

- To identify and evaluate appropriate **learning and teaching strategies (pedagogies)** for promoting ESDGC through science and the wider curriculum.

Assessment: ECAD4006

- One assignment: 100%

  Submission date: **23.11.18**

(Following your visit to the National Botanic Garden of Wales), prepare a suitable **resource** and **explain** how you would use the resource to support identified aspects of the delivery of Science, ESDGC and their wider curriculum.

Assignment

- **Resource** (6 lesson plans)
- **Explanation** (ESDGC – definitions/ background/themes/resource) (2000 words)

ECAD4006 –Assessment Specification

TASK DESCRIPTION

- This assignment requires you to…. (p.2)
- In particular, you should…. (p.2)

RESOURCE

6 lesson plan

- 3 FP lesson plan + 3 KS2 lesson plan
- At least 2 Science lesson (1 FP, 1 KS2)
- Wider curriculum (e.g. Geog, Art, etc.)
- You ‘may’ choose a theme
- ESDGC themes
- Literacy, Numeracy, ICT
- You ‘may’ include resources

EXPLANATION (2000 words)

A possible structure

- Introduction (50 words)
- ESDGC in primary school (950 words)
- Explanation of your resource(950 words)
- Conclusion (50 words)

Introduction (50 words)

- Need to show that you understand the title of the assignment and set out what you intend to discuss (p.3)

ESDGC in the primary school(950 words)

You need to demonstrate your knowledge and understanding of the following: (p.3)

- What is ESDGC?
- Why should we teach ESDGC?

You must support your discussion/ideas with further references, e.g. documents, etc.

Further references…

- What is ESDGC?
- Why teach ESDGC?

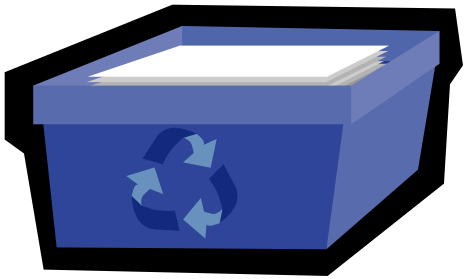
What is ESDGC?

- Grigg, R. & Hughes, S. (2013) *Teaching Primary Humanities*. Harlow: Pearson. (Chapter 9 – hard copy distributed in session)
- Other sources, e.g. UNESCO https://en.unesco.org/themes/education-sustainable-development

Key Definition

"development which meets the needs of the present without compromising the ability of future generations to meet their own needs."

Brundtland Report 1987



The Earth provides enough to satisfy **everyone's needs**, but **not** for everyone's **greed.**



Mahatma Gandhi

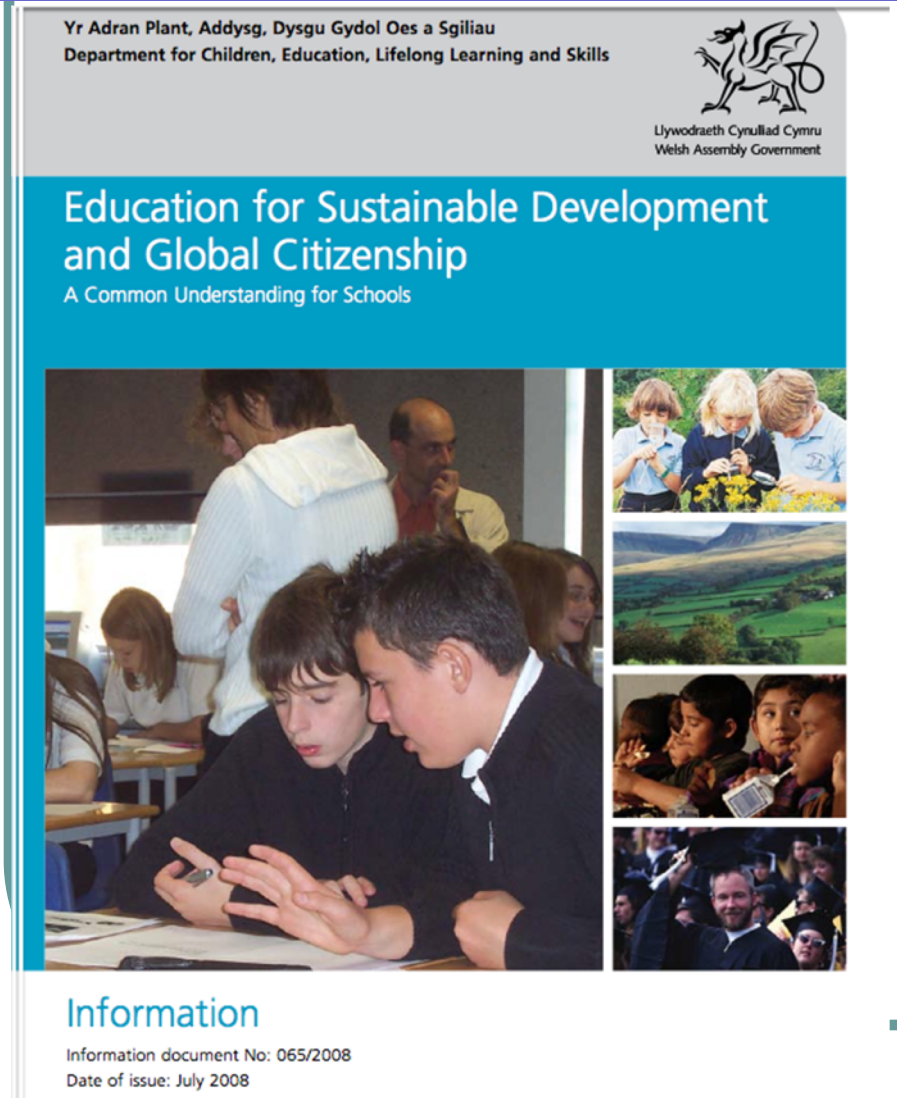
What is ESDGC?

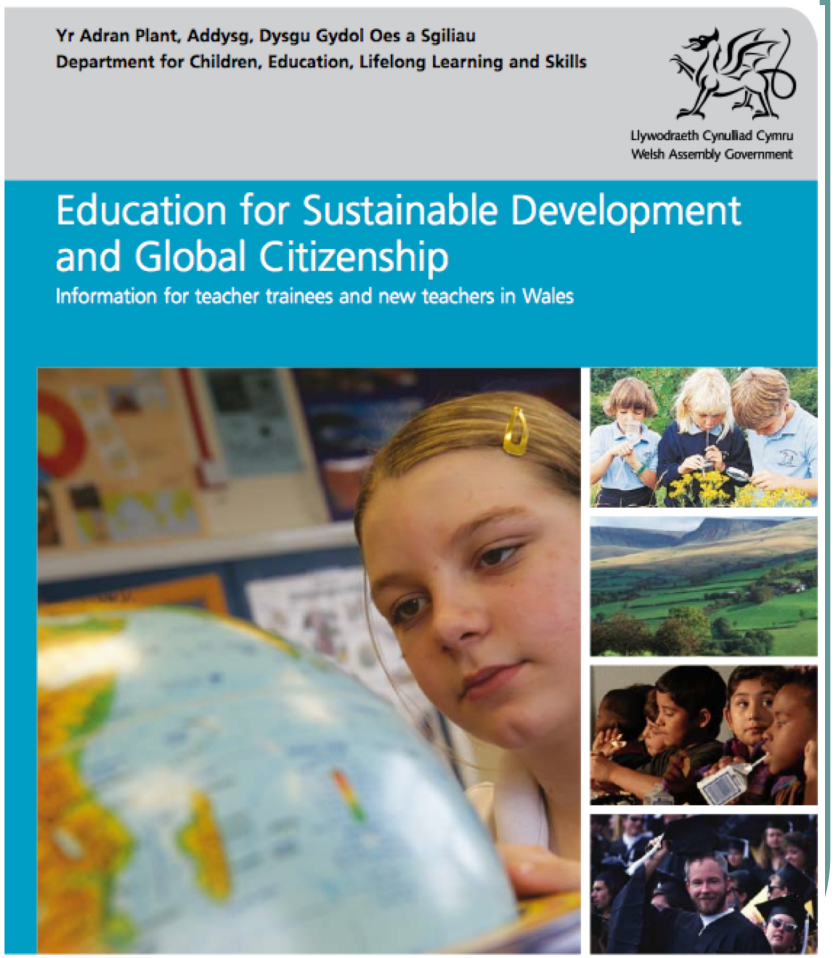
- ESDGC is about things we do **every day.**
- It is about the **big issues in the world** – such as climate change, trade, resource and environmental depletion, human rights, conflict and democracy – and about how they relate to each other and to us.
- It is about **how we treat the earth** and **how we treat each other**, no matter how far apart we live.
- It is about how we **prepare for the future**.
- **Everyone** of us has **a part to play**.

ESDGC is NOT: ☻

- A **separate subject**
- A sense of discrete concepts or topics
- **Confined to the classroom**
- The **responsibility of just one teacher** in the school
- About **transmitting a set of answers** to learners

A Common Understanding for Schools Information for teacher trainee

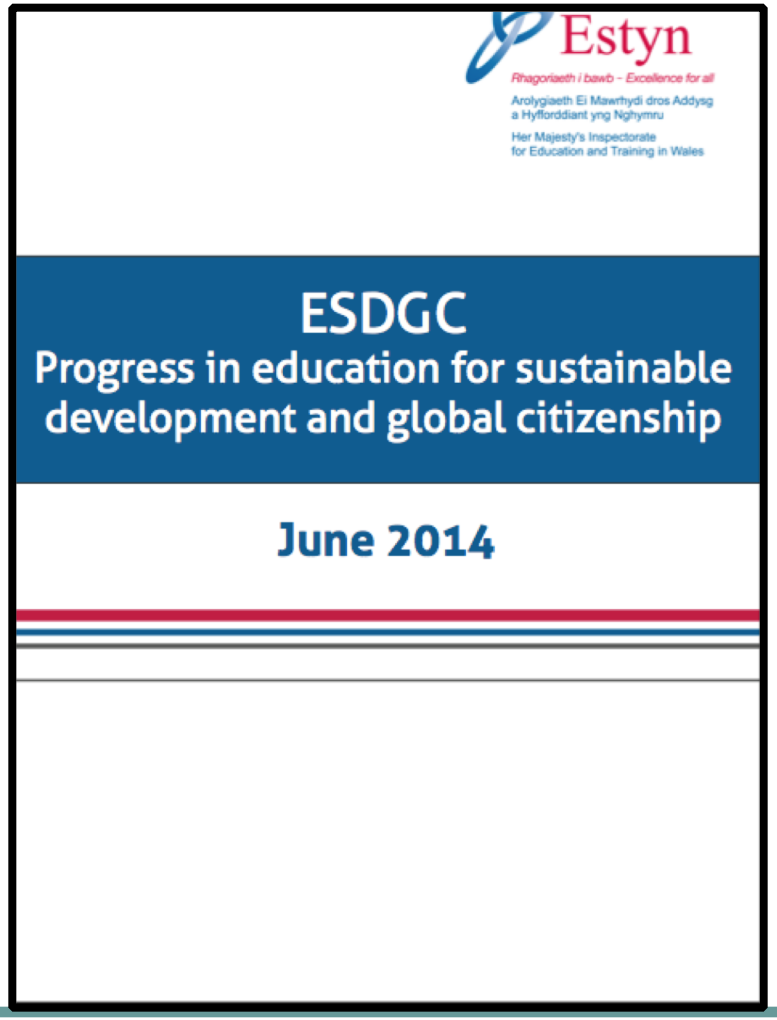




Why should we teach ESDGC?

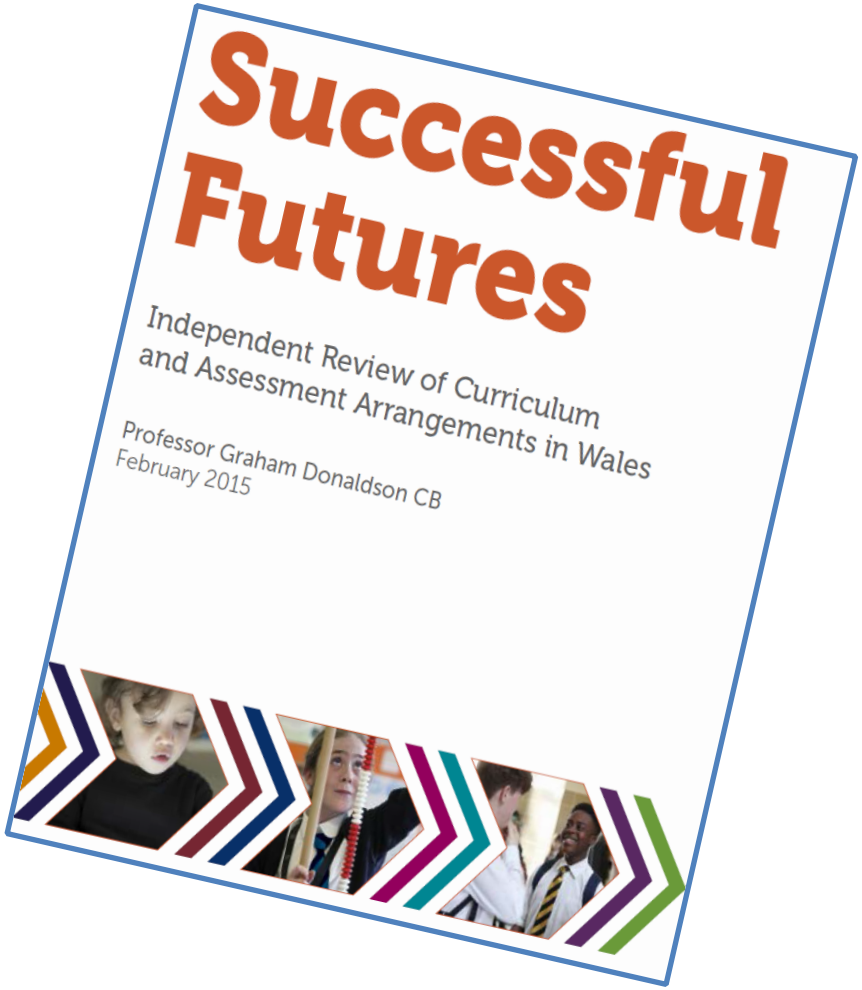
- Useful references…

Why teach ESDGC?



Successful Futures

Donaldson (2015)



The four purposes are that all children and young people will be:

Ambitious, capable learners who are ready to learn throughout their lives.
Enterprising, creative contributors who are ready to play a full part in life and work.
Ethical, informed citizens who are ready to be citizens of Wales and the world.
Healthy, confident individuals who are ready to lead fulfilling lives as valued members of society.

THE PRIMARY GEOGRAPHY

INTERVIEW

PROFESSOR GRAHAM DONALDSON

Professor Graham Donaldson is a Professor at Glasgow University who has recently carried out a review of the curriculum in Wales as well as teacher education in Scotland. His review has culminated in the *Successful Futures* report, which is deemed to be the most ambitious revision of the curriculum in Wales ever undertaken, and which will see subject areas replaced with six Areas of Learning and Experience.



Could you explain a little about your work to date?

To start with, I have to admit that my background was as a history teacher! After working at various levels in schools in the

Do you see a role for citizenship and global learning to be embedded in the new curriculum?

Absolutely, the four purposes will raise the prominence of these aspects and sustainability and citizenship will be overarching.

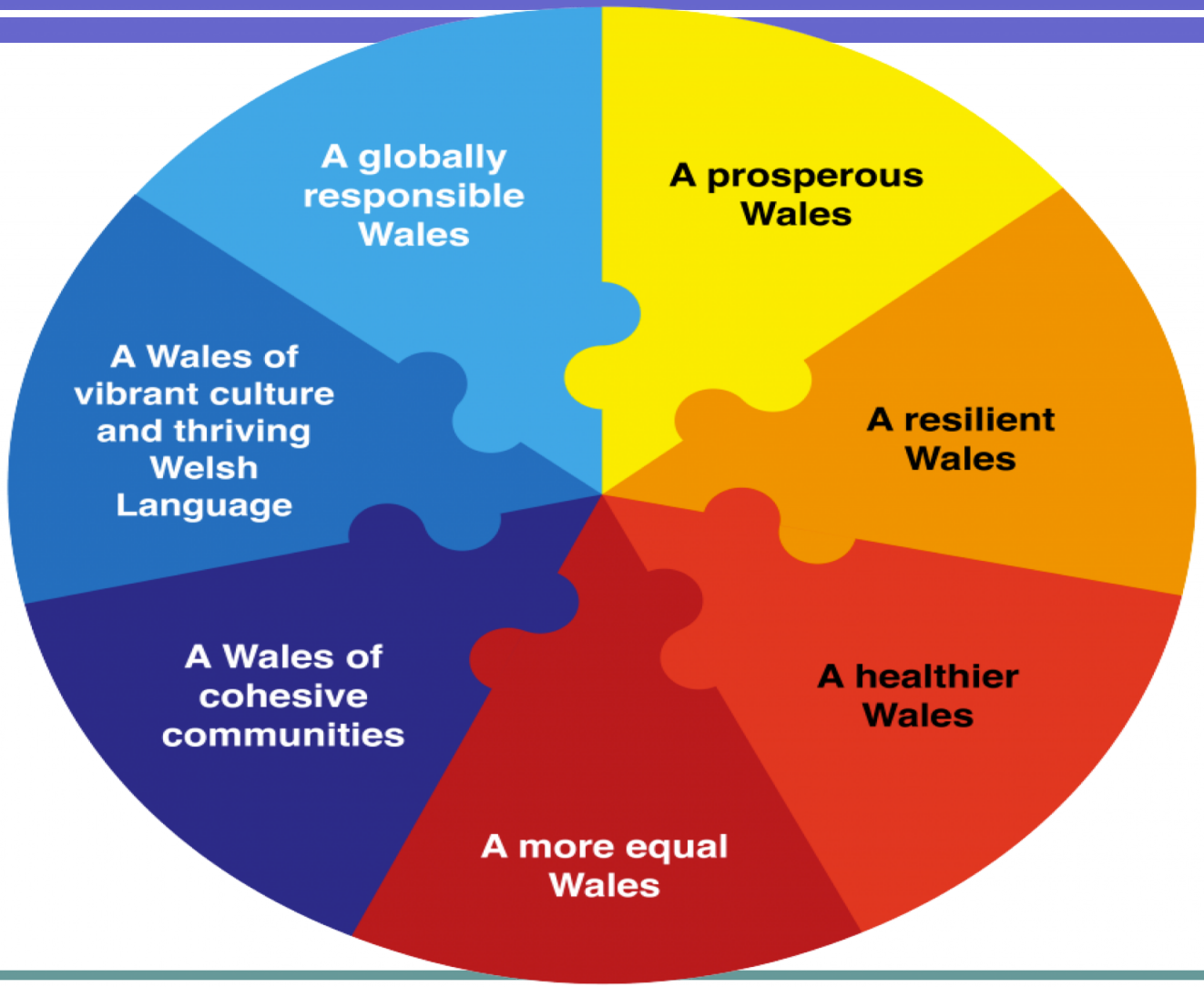
The Well-being of Future Generations (Wales) Act 2015

The Well-being of Future Generations (Wales) Act is about **improving** the

social
economic
environmental
cultural

well-being of Wales

How many well-being goals?



The Global Goals



Rights of the Child (UNCRC)



Comisiynydd Plant Cymru
Children's Commissioner for Wales

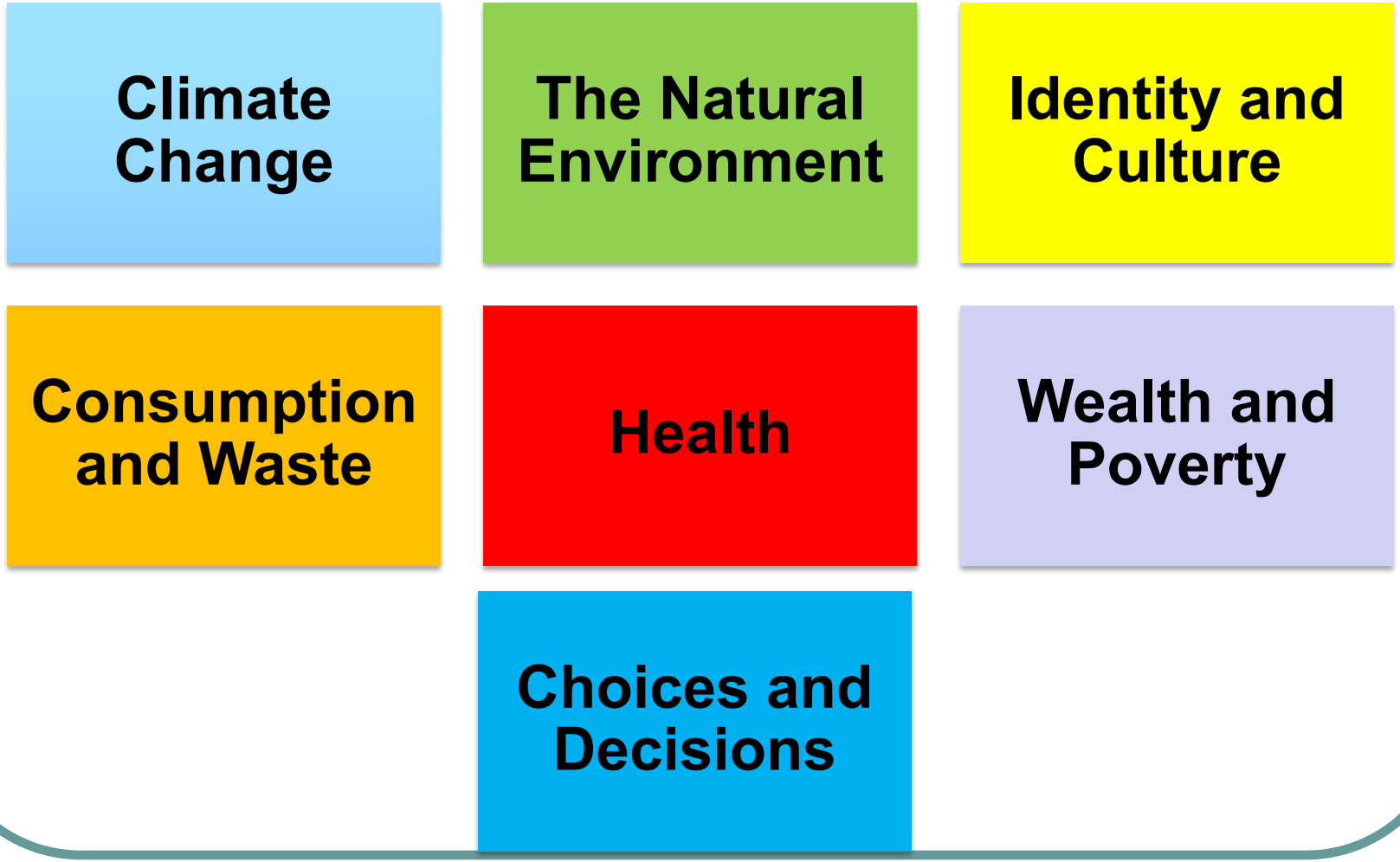
ESDGC can motivate children because

- It provides **interesting real life, topical contexts** which learners can relate to, and an exciting opportunity for developing skills.

☺

- Many of the existing school schemes, such as **EcoSchools, Healthy Schools, Fairtrade schools** and the various types of international school partnership contribute to ESDGC.

7 interlinked ESDGC themes



EXPLANATION (2000 words)

A possible structure

- Introduction (50 words)
- ESDGC in primary school (950 words)
- Explanation of your resource(950 words)
- Conclusion (50 words)

Explanation of your resource (950 words)

- In this section you need to explain HOW your RESOURCE (lesson plans) promote the teaching and learning of ESDGC, Science and the wider curriculum (p.3)

Possible references…

- Lecture notes
- Notes on moodle, e.g. chapters from Primary Geography Handbook (Scoffham, 2010)
- Articles from journals placed on moodle, e.g. Primary Science
- Curriculum documents
- Grigg, R. (2014) *Becoming an Outstanding Primary School Teacher*. London: Routledge .*

EXPLANATION (2000 words)

A possible structure

- Introduction (50 words)
- ESDGC in primary school (950 words)
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- Conclusion (50 words)

ECAD4006 - Assignment

- **Resource** (6 lesson plans)
- **Explanation** (ESDGC – definitions/ background/themes/resource) (2000 words)

Submission

- You need to present your work (resource and explanation) in a file/ portfolio book.
- Before presenting your work, please upload your **explanation** through Turnitin to check for plagiarism (final)

- Submission date: **23.11.18**

  Where? **CJ003** (Between **10 and 4pm**)