

TeachingEnglish

Project-Based Learning for Climate Action in ELT

Khadija Ismael Suleiman

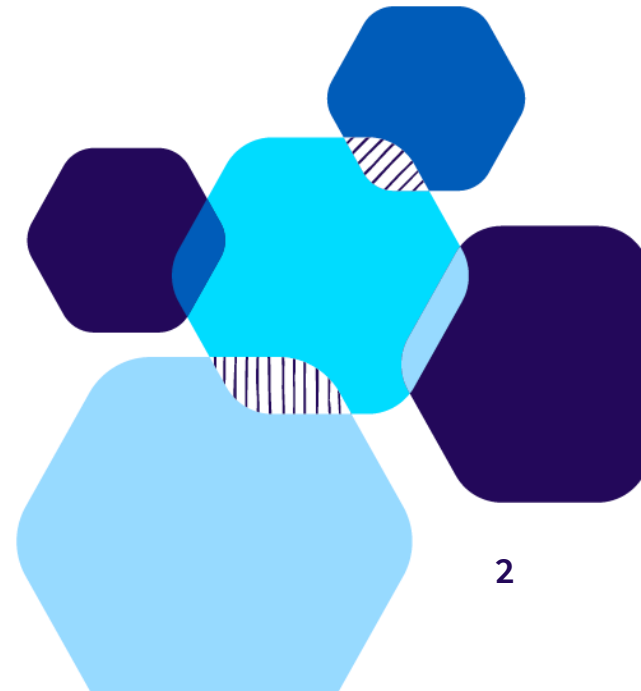
7th September 2024

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About the speaker

Khadija Ismael Sulieman:

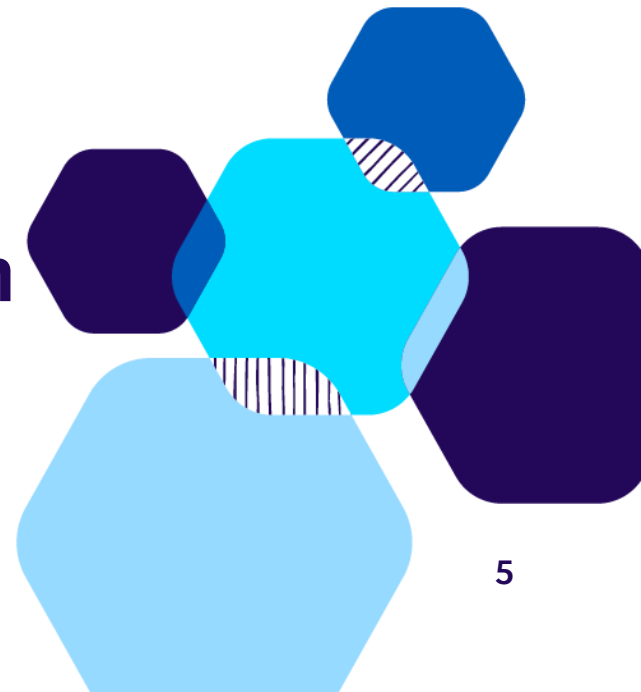
- **Dedicated English and Literature teacher in Mombasa**
- **OPEN alumna with courses in educational technology and teaching for the future**
- **SDG champion and climate action advocate**
- **Master's in Educational Leadership and Management from Aga Khan University**
- **Ongoing studies at Mount Kenya University**
- **Active member of the English Language Professional Association of Kenya (ELPAK)**
- **Aims to enhance educational practices and empower educators globally**

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Overview

- Introduction
- What is Project-Based Learning (PBL)?
- PBL and Climate Action
- Implementing PBL in ELT Classrooms
- Benefits of Climate Action PBL in ELT
- Assessment Strategies in PBL
- Overcoming Challenges in PBL Implementation
- Show my examples in Kenya

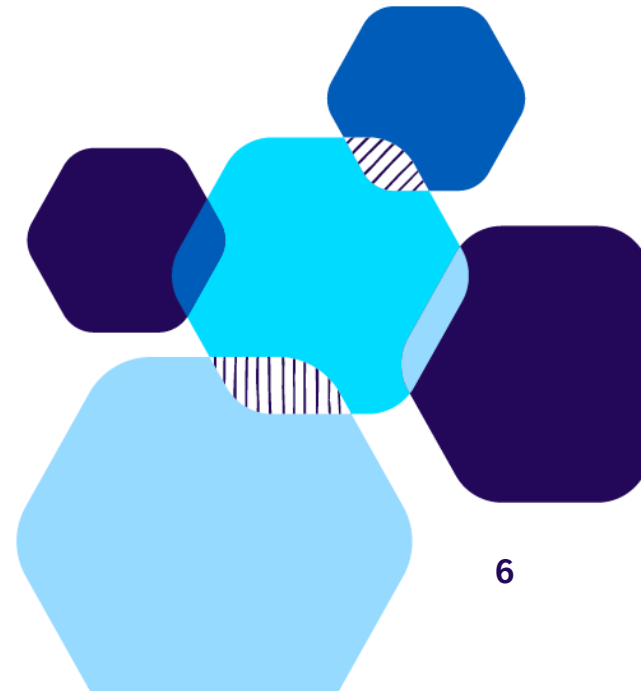


PBL

Poll: "How familiar are you with Project-Based Learning?"

Options:

- **Very familiar**
- **Somewhat familiar**
- **Not familiar at all**

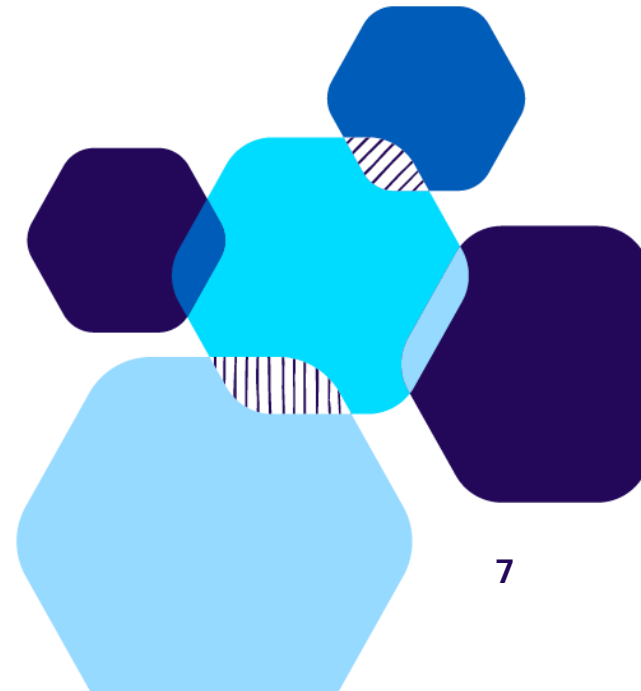


What is PBL?

What are its characteristics?

And its benefits?

please comment in the chat

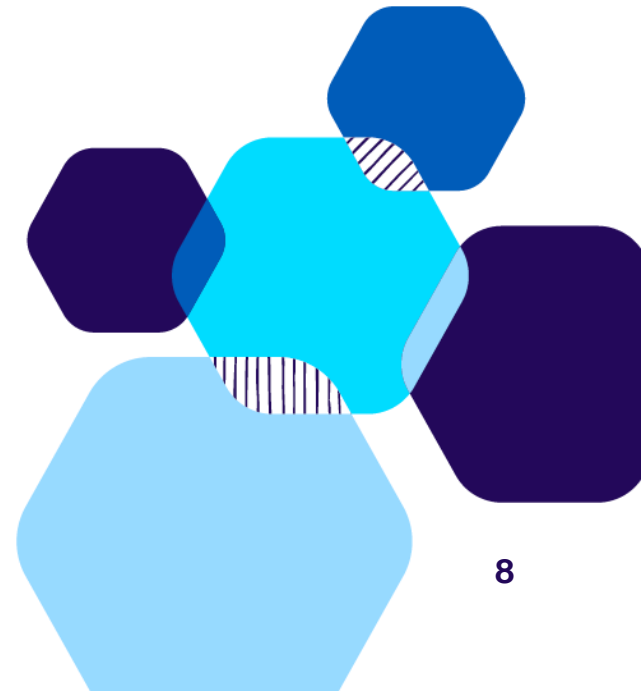


What is Project-Based Learning (PBL)?

Definition and key characteristics of PBL

PBL is a teaching method in which students learn by actively engaging in real-world and personally meaningful projects

Project-based learning (PBL) or project-based instruction is an instructional approach designed to give students the opportunity to develop knowledge and skills through engaging projects set around challenges and problems they may face in the real world- Google



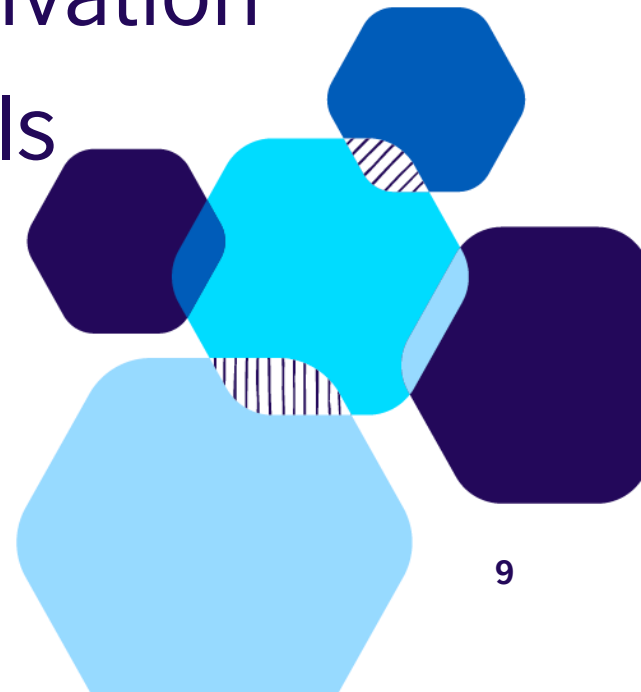
Key characteristics and benefits

Key characteristics:

- Student-centered
- Inquiry-driven
- Collaborative
- Real-world connection

Benefits in language learning contexts:

- Authentic language use
- Increased motivation
- Integrated skills development



Why PBL and Climate Action?

**Why Climate
Action in class at
all?**

**Have you done any
Climate Action
work in your
classes?**

Comments in the chat please

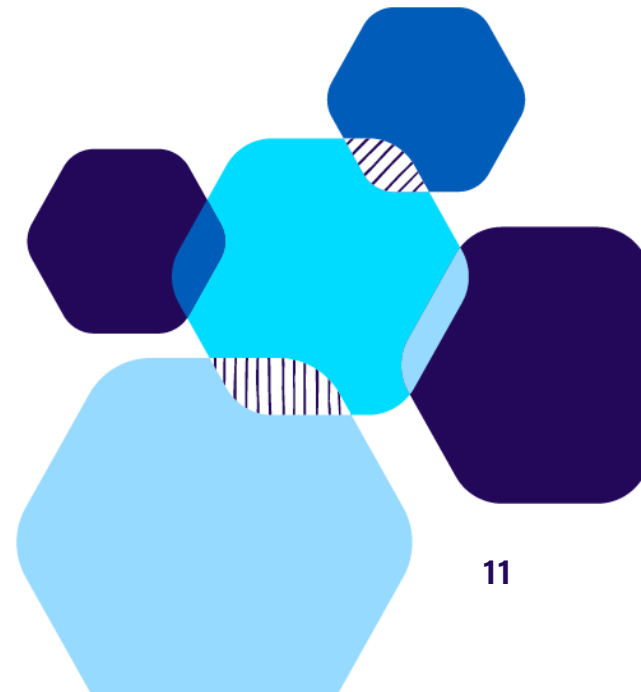
PBL and Climate Action

Connecting PBL to climate change education

PBL offers an excellent framework for integrating climate action into our language classrooms

Examples of climate-focused projects in ELT

- Creating a school recycling program
- Developing a local climate action plan
- Producing a documentary on local environmental issues



Implementing PBL in ELT Classrooms

Steps to design a climate action PBL project Considerations for language learners

Identify a driving question

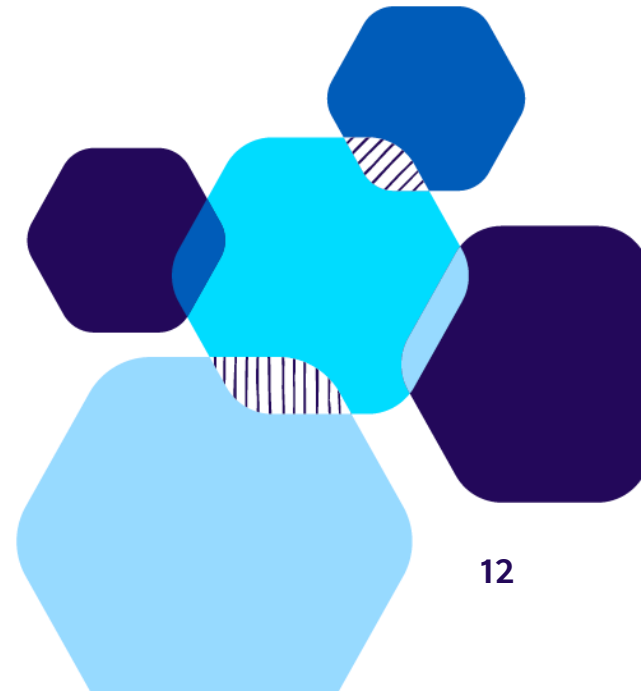
Design learning activities

Plan language support

Organize resources

Develop assessment criteria

Poll: "What's your biggest challenge in implementing PBL?"
Options: Time constraints, Resources, Assessment,
Student engagement



Benefits of Climate Action PBL in ELT

- Enhanced student engagement through relevant, meaningful tasks
- Development of 21st-century skills: Critical thinking, communication, collaboration, creativity
- Interdisciplinary learning opportunities: Science, social studies, math



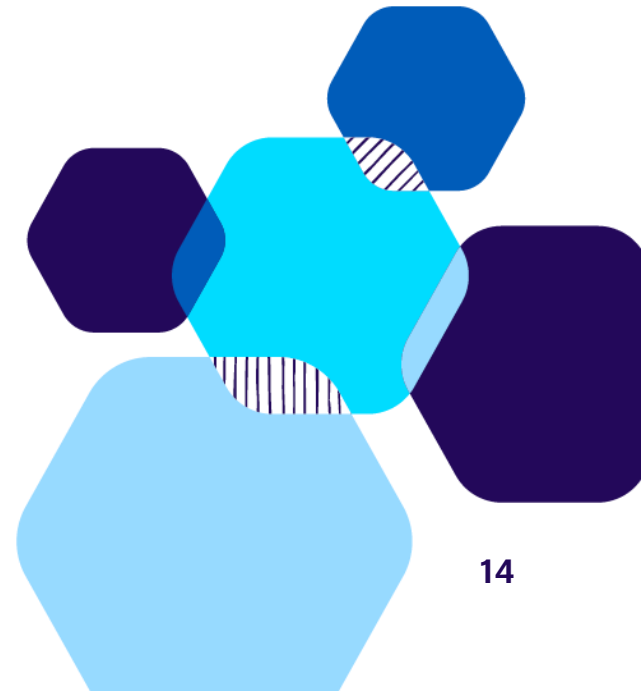
Potential difficulties:

How can we assess learners in PBL?

What are other challenges in PBL?

How can we ensure success?

Please answer in the chat



Assessment Strategies in PBL

- **Formative assessment:**

eg. peer feedback, checking how they work together, progress checks

- **Summative assessment methods:**

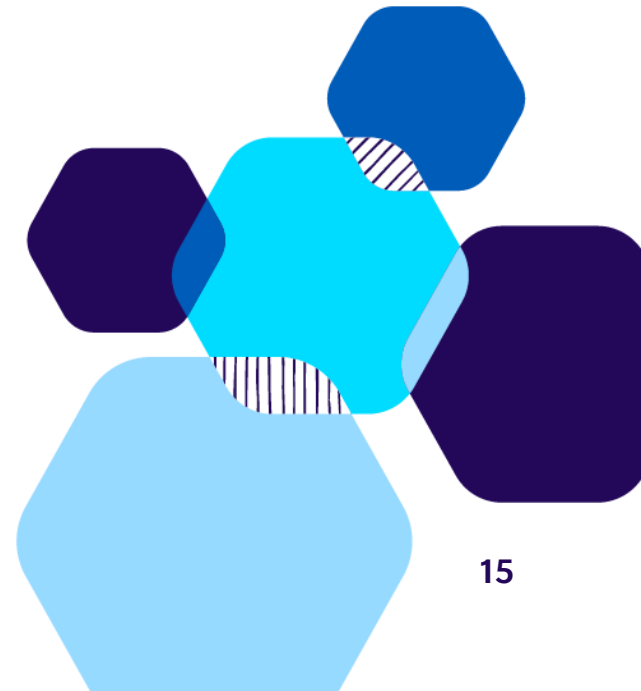
e.g presentations, portfolios, written reports

- **Balancing language and content evaluation**

e.g

Content knowledge: understanding of climate change

Language skills: writing, speaking, listening



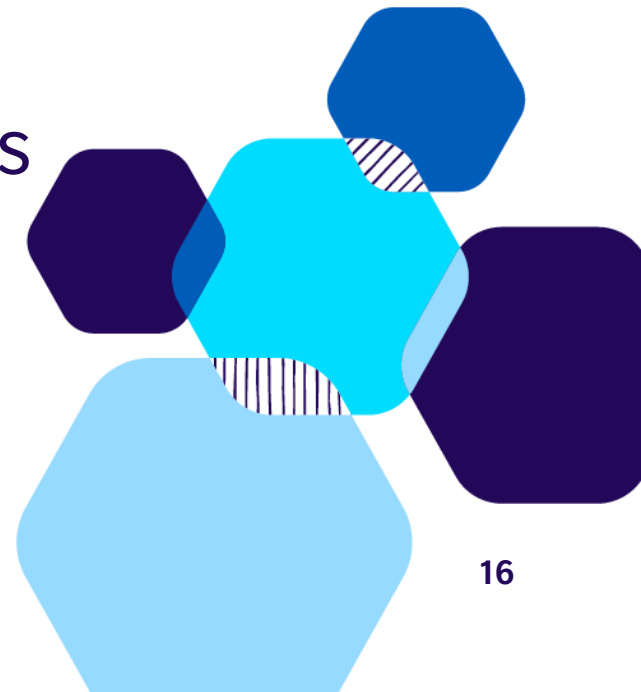
Overcoming Challenges in PBL Implementation

Common obstacles:

- time constraints
- resource limitations
- alignment with curriculum

Strategies for success:

- Start small and scale up
- Collaborate with colleagues
- Utilize online resources (see next slide!)
- Involve students in planning



Useful resources:

Climate Connection resources for schools eg. lots of lesson plans

<https://www.teachingenglish.org.uk/climate-action-language-education-all-resources>

Free online course – starting in October:

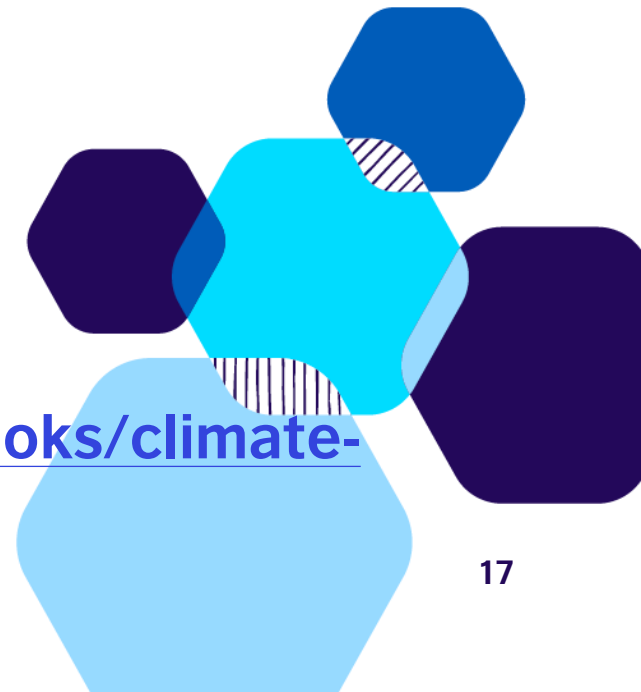
<https://www.teachingenglish.org.uk/training/climate-action-language-education>

Climate Connection podcasts for teachers:

<https://www.teachingenglish.org.uk/professional-development/podcasts/climate-connection>

Resource book for low resource contexts:

<https://www.teachingenglish.org.uk/publications/resource-books/climate-action-language-education-activities-low-resource-contexts>



Climate issues in Kenya

- Drought and Water Scarcity
- Flooding
- Temperature Rise
- Deforestation and Land Degradation
- Sea Level Rise
- Biodiversity Loss
- Food Insecurity
- Human Health

Please comment in the chat about climate issues in your country / region



Case Study

Khadija Secondary School

“Eco-Schools for a Sustainable Future” project integrates climate action initiatives within schools by combining vegetable gardening and plastic waste management.

The primary goal is to create a sustainable school environment that promotes climate action through hands-on activities in vegetable gardening and plastic waste management, fostering environmental stewardship among students and the community.

Climate action focus

vegetable gardening, waste reduction and tree planting

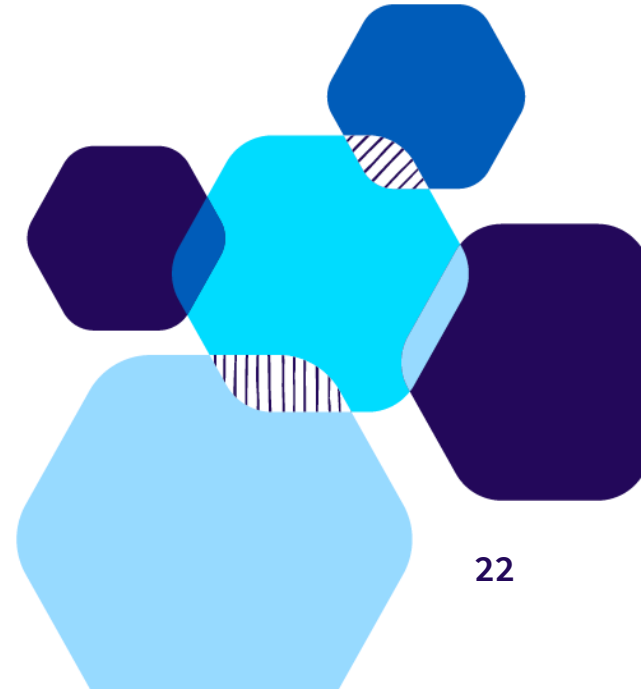
Language skills targeted

Researching, writing proposals, giving presentations, debating solutions



Eco-Schools for a Sustainable Future





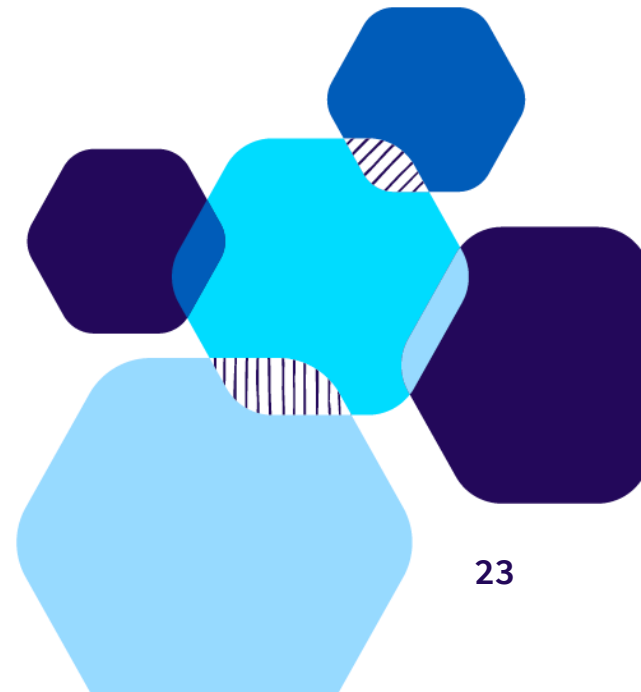
Conclusion and Call to Action

Recap of key takeaways

Lessons learned:

- flexibility
- community involvement
- technology integration
- <https://khadijasuleiman2023.blogspot.com/2024/02/the-journey-of-khadija-secondary.html>

Poll: "After this presentation, how likely are you to implement climate action PBL in your ELT classroom?" Options: Very likely, Somewhat likely, Unlikely, Need more information



Thank you!

Any questions?

