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Iqbal and his ingenious idea

This resource was created to accompany the Green-Schools Ireland Global Goals Book Club.

www.greenschoolsireland.org





Global Goal 7: Affordable and Clean Energy



This resource is designed to inspire your classroom with engaging activities that support critical thinking and meaningful discussions centred around the Global Goal of 'Affordable and Clean Energy'.

Age Group: Junior Infants - 6th class

Resource List

- Iqbal and His Ingenious Idea Discussion Questions
- Persuasive Writing Activity
- Iqbal and His Ingenious Idea Character Profile
- Activities Sheet
- Iqbal and His Ingenious Idea Glossary

Global Goals Book Club and Global Goal 7: Affordable and Clean Energy

Teaching children about Global Goal 7: Affordable and Clean Energy lays the foundation for a sustainable future. By understanding the importance of clean and affordable energy, children learn about the impact of energy consumption on the environment, climate change, and social equity. "Iqbal and His Ingenious Idea" by Elizabeth Suneby aligns perfectly with this goal as it tells the story of a boy in Bangladesh who harnesses renewable energy to bring light to his village. Through this inspiring tale, children understand the significance of innovative solutions to energy challenges and also recognise their role in promoting sustainable practices. Educating children about Global Goal 7 empowers them to advocate for renewable energy solutions, promote energy efficiency, and contribute to a cleaner and healthier planet for future generations.

We would love to see pictures of your bookworms artwork and creations from the activities in our Global Goals Book Club. Please email any photos to globalcitizenship@eeu.an.taisce.org

Iqbal and His Ingenious Idea

Read or listen to the book 'Iqbal and his ingenious Idea' by Elizabeth Suneby with your class. The questions below offer a guide for discussion with your class, along with some actions and activities to complete.



[Listen to the story here.](#)

Discussion Questions:

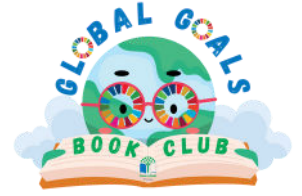
1. What types of energy do people in Iqbal's village use?
2. How do they use energy for daily activities like cooking and lighting?
3. Why was it difficult for Iqbal's village to access electricity?
4. How did this lack of electricity affect the villagers' daily lives?
5. What was Iqbal's idea to solve the problem of lack of electricity in his village?
6. How did his idea contribute to using renewable energy sources?
7. Why is using solar energy considered a clean energy source?
8. What are the benefits of using solar energy for Iqbal's village?
9. How does Iqbal's invention relate to Global Goal 7 (Affordable and Clean Energy)?
10. What other ways can communities achieve affordable and clean energy?
11. What are some ways using solar energy instead of fossil fuels helps protect the environment?
12. How can using renewable energy sources like solar power contribute to a cleaner planet?
13. How did Iqbal's idea inspire his community and others around the world?
14. What can we learn from Iqbal's story about innovation and solving community challenges?
15. What ideas do you have to promote affordable and clean energy in your own community?
16. How can you conserve energy in your daily life to support Global Goal 7?

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Iqbal and his Ingenious Idea!

By Elizabeth Suneby



Choose your favourite character and complete the questions below:

Character Name:

Draw a Picture of your character:



Personality :

What do you know about the Character?

What was the character's problem? Did they manage to solve it? If so , how?

How did the character change over time?

Persuasive Writing Activity (Senior Primary)

Encourage your students to put themselves in Iqbal's shoes - pretend that you are at his school science fair. How would they convince the principal and judges that their solar cooker should win the competition. Encourage them to use their powers of persuasion in the Persuasive Writing Activity (Activity Sheet on the next page). The Factsheet Worksheets will be useful to help strengthen their writing.



**Listen to
this story
here**

Solar Cooker Activity

Check out our home made Solar Cooker. It's very easy to make and uses items that you probably have at home already! Have a look at the Solar Cooker and Clean Energy Fact Sheet and the Global South Fact Sheet for further learning.



**Learn how to
make a solar
cooker.**

Activity - Linking Global Goal 7 and Global Goal 1 (Senior Primary)

We are going to see how the story of Iqbal links to Global Goal 7, Clean and Affordable Energy for all. We are going to explore how important access to energy is in helping achieve Goal 1: No Poverty.

1. Encourage your class to think about all of the things they do in their home and school that use energy.
2. Write these down on the 'Energy Usage' activity sheet.
3. Watch this video and see what everyone thinks - did it remind them of other things they do that use energy? Add them to their list.



**Watch
Energy Video
here**



Activity - Linking Global Goal 7 and Human Rights

Now, have a look at [this video](#) with your class and learn about what human rights are.

1. Do you think that clean and affordable energy should be on the list of basic human rights?
2. Do you think that having access to clean and affordable energy would help reduce poverty?

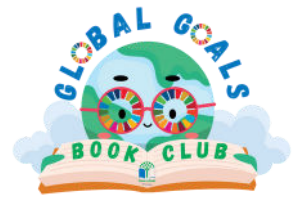


**Watch
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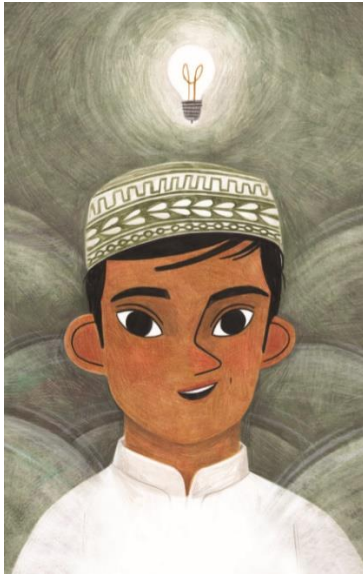


[Take our short quiz here to tell us what you think!](#)

"Iqbal and his Ingenious Idea" by Elizabeth Sunaby



Glossery



Bangladesh – is a country in south Asia, just east of India . It is famous for it's lush landscapes and has many rivers. It is the home to the Benegal Tiger.

Monsoon Rain- heavy rain usually accompanied by seasonal winds of South Asia. More than 80% of the annual rainfall occurs during monsoon season, and usually 20% of the country gets flooded.

Sustainability- refers to the idea that human activity should not harm the environment and future generations should always be considered.

Amma- means mother in Bengali, the language spoken in Bangladesh

Ramadan- is the 9th month of the Islamic calendar, observed by Muslims worldwide as a month of fasting, prayer, reflection and community

Bazaar- marketplace

Ek, Dui, Tin- One Two Three in Bengali the language spoken in Bangladesh.

Eid al-Fitr- The festival of breaking the fast is a religious holiday celebrated by Muslims worldwide. It marks the end of a month long fast from dawn to sunset each day.

Semai – sweet pudding

Solar Cooker- a device which uses the energy of direct sunlight to heat and cook food