

East Renfrewshire Council: Education Department Practitioner Moderation Template

Prior to the moderation exercise, please complete the following information and submit it to your facilitator with assessment evidence from one learner that you judge to have successfully attained the Es and Os.

School Code	Z
Practitioner Code	Z13
Curriculum Area(s)	Literacy, Science, Technology
Level	Second
Stage(s)	P7
Specific subject (if applicable)	Renewable and Non Renewable Energy

Experiences and Outcomes:

Through exploring non renewable energy sources, I can describe how they are used in Scotland today and express an informed view on the implications for their future use. SCN 2-04b

I can investigate the use and development of renewable and sustainable energy to gain an awareness of their growing in importance in Scotland or beyond. TCH 2-02b

By considering the type of text I am creating, I can select ideas and relevant information, organise these in an appropriate way for my purpose and use suitable vocabulary for my audience. LIT 2-26a

Learning Intentions:

To categorise energy sources

To identify advantages and disadvantages of different sources of energy.

To describe how non-renewable sources are used in Scotland today.

To give an opinion about the non-renewable sources and implications for future use

To identify features of a leaflet to create my own.

To select information from my notes and organise these under relevant headings and sections

To use the correct subject terminology

To interpret information from a table

To place icons on a map

Success Criteria:

Activity 1: (Non-renewable or Renewable?)

Success Criteria written in conjunction with the children.

I can:

- · name each of the energy sources.
- · write the name under each of the energy sources.
- · decide if each energy source is renewable or non-renewable.
- write renewable (R) or non-renewable (NR) under each picture.
- place each picture in the correct category.
- · check and stick.

Success Criteria continued:

Activity 2 (Designing a Leaflet)

See Success Criteria for Leaflet Design which were shared with the pupils at all stages of the task and used for both self and peer assessment purposes. Teacher feedback was then added and attached to the finished piece of work.

Activity 3 (A Sample of Power Stations in Scotland)

See Success Criteria for 'A Sample of Power Stations in Scotland' activity which were shared with the pupils at all stages of the task and used for the purpose of self-assessment. Teacher feedback was then added and attached to the finished piece of work

Briefly outline the context and range of quality learning experiences that have been provided making reference to the chosen design principles.

Coherence: There are clear links between the E's and O's in Sciences and Technologies. Linking learning in these curricular areas with the Literacy E and O chosen helped to increase pupil engagement with the subject matter.

Relevance: Pupils were very aware of the importance of the subject matter as some of the information was gathered from video clips, newspaper articles and Scottish Government websites and was linked to their present and future lives. The pupils also shared information that they had seen and heard on the television and radio.

Challenge and Enjoyment: Pupils found the active learning opportunities throughout the tasks challenging and engaging and they were motivated to find out the necessary information, discuss their ideas with peers and share them in leaflet form. This also allowed each pupil to achieve his or her potential and demonstrate some individual creativity.

Depth: Throughout their learning the pupils have developed and demonstrated depth in their level of understanding of this subject matter.

Personalisation and Choice: A class discussion about the various ways that the pupils could showcase their information resulted in them deciding on a leaflet and allowed them some pupil choice. The layout of the leaflet was then discussed as a class and a common format was agreed so that pupils had opportunities to show their individuality and creativity whilst being supported to ensure that they could produce a successful and meaningful piece of work.

Record the range of assessment evidence that was gathered to meet the success criteria (Say, Write, Make, and Do) considering breadth, challenge and application.

Activity 1:

Do - Non-renewable or Renewable?

Pupils sort eleven symbols of energy sources into non-renewable and renewable.

Activity 2:

Write - Designing a Leaflet

Pupils use research notes to select relevant information about the advantages and disadvantages of non-renewable and renewable energy sources.

Pupils use research notes to select relevant information about the use of renewable energy sources in Scotland.

Pupils use research notes to help them to form their own opinion about future energy use in Scotland.

Activity 3:

Do – A Sample of Power Stations in Scotland

Pupils interpret a table about the location of renewable and non- renewable power stations in Scotland.

Pupils place corresponding energy symbols correctly on a map of Scotland.

Did the learner successfully attain the outcomes? Yes

Briefly outline the oral/written feedback given to the pupil on progress and next steps, referring to the learning intention and success criteria.

Activity 1:

Do - Non-renewable or Renewable?

See teacher feedback written on pupil's piece of work.

Activity 2:

Write - Designing a Leaflet

See teacher and peer feedback written on Success Criteria Marking Strip and shared with the pupils.

Activity 3:

Do – A Sample of Power Stations in Scotland

See teacher feedback written on Success Criteria Marking Strip and shared with the pupils.

Next steps will include the pupils designing another leaflet so that skills can be reinforced. Opportunities for note-taking will continue to allow pupils to develop these skills. An outdoor learning trip to Whitelee Wind Farm is planned to allow pupils an opportunity to strengthen and broaden their learning in this area.

Pupil Voice:

What have you learned? How did you learn? What skills have you developed?

Interview with pupil.

What have you learned?

I knew a bit about Solar and Wind but I didn't know about some of the other ones – how they were generated. I learned more about the different power stations in Scotland and where they are.

How did you learn?

I liked working with other people because we could help each other. Me and Jenna talked about what we were writing down for our notes. I didn't really like the note taking bit but I really liked doing the actual leaflet. I liked working with other people on some bits of tasks so that I could check that I was right but I liked doing my own leaflet about energy.

What skills have you developed?

I have learned how to take notes better. I got more of a chance to practise changing notes into my own words. I liked taking the notes from the video clips on Twig. I liked working with other people in a group to talk about our ideas. I really liked planning out and designing my own leaflet with pictures.

Learner Evidence

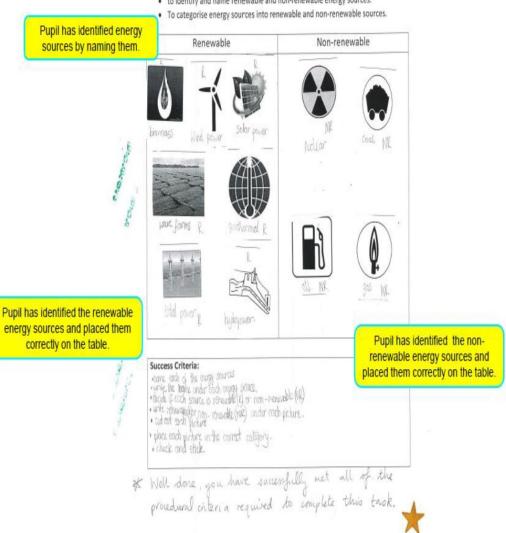




Energy Sources

Learning Intentions:

· to identify and name renewable and non-renewable energy sources.



Learner Evidence

Pupil has included a definition

Appendix 2

