

Life on Earth Public Archive

Lunar Mission One's pilot 'Life on Earth Public Archive' will contain a growing record of human culture, history, geology, geography and all forms of organic life. Digital records will cover content at local, regional, national and international levels. Students of our pilot educational establishments are invited to make contributions to this epic record of Life on Earth.

Life on Earth project ideas

Introduction

The following 'Life on Earth' project ideas are designed to provide you with a mental trigger from which you can develop your own lessons. The ideas are purposely brief in order to avoid becoming prescriptive.

Each idea can be modified to suit local cultures and curriculum requirements. The list is not exhaustive, hence teachers, leaders and groups should feel free to develop their own 'Life on Earth' based projects. If you are unsure about the suitability of your own idea, please contact your local LM1 Education Ambassador or, alternatively; schools@lunarmissionone.com for further guidance.

Please Note: This list will be updated on a regular basis, as new project ideas are submitted. The newest projects will have their submission dates highlighted in RED for easy identification.

Art and Design Projects

Subject Area	Topic Label	Age Group
Painting and Drawing	Landscape	All ages
Use drawing or painting to record your local landscape. This activity could be used to study, and practise, the techniques used by local and international masters (Monet, JMW Turner etc.).		

Subject Area	Topic Label	Age Group
Drawing and Photography	Architecture	7 years and above
Take a walking tour of your local area and use sketchbooks or photography to record the style of local, historical and contemporary, architecture.		

Subject Area	Topic Label	Age Group
Sculpture	Arts and Entertainment	7 years and above
Create sculptures in the style of a great sculptor (Leonardo da Vinci, Andy Warhol etc.) Write about your chosen sculptor and add digital images of your own sculpture to your report or biography.		

Subject Area	Topic Label	Age Group
History of Art and Design	Cultural History	11 years and above
Produce a multimedia report about the history of local art, craft, design or architecture. Include details about the periods, styles and major movements from ancient times to the modern day.		

Geography Projects

Subject Area	Topic Label	Age Group
Human & Physical Geography	Environment General	4 to 11 years
Compare and contrast the human and physical geography of a small local area with that of a similar size area in another continent. Produce a class display to highlight the differences and similarities of the two areas.		

Subject Area	Topic Label	Age Group
Human & Physical Geography	Environment General	7 years and above
Use physical and online atlases, maps and globes to learn how maps can be used to record physical and human geographical features. Produce a fully labelled map of your school/college, and/or local area.		

Subject Area	Topic Label	Age Group
Physical Geography	Environment General	7 years and above
Use fieldwork to observe, measure, and record the physical features of your local area. Where possible, focus on any significant physical processes that have shaped the land (e.g. the development of a river course or coastal area). Present your results as a multimedia report.		

Subject Area	Topic Label	Age Group
Physical Geography	Geology / Climate Change	11 years and above
Study the physical geography of your local area across geological time scales. Consider geological effects (plate tectonics etc.) and the effects of weather and climate change (ice age glacial effects, variations in sea level etc.). Present your results as a multimedia report.		

Subject Area	Topic Label	Age Group
Human Geography	People in the Environment	11 years and above
Study the human geography of your local area from the earliest settlements to the present day. Consider the effects of human settlement and economic activity on the local resources and climate. Present your results as a multimedia report.		

History Projects

Subject Area	Topic Label	Age Group
Local History	Social History	4 to 11 years
Use local records (school logs and photographs) to chart the history of your school. Make a class timeline to illustrate the major milestones in the history of the school.		

Subject Area	Topic Label	Age Group
Local History	General History	7 years and above
Use local records to chart the history of your local area (school or college catchment area). Identify the major milestones in the history of your local area and community. Present your results as a multimedia report or historical record.		

Subject Area	Topic Label	Age Group
History	Social History	11 years and above
Interview members of an older generation about their experience of an event of local or national consequence (e.g. World War 2). Produce, written, audio or video records of your interviews.		

Subject Area	Topic Label	Age Group
History	General History	11 years and above
Study a local or national ancient civilization. Record the characteristic features of that society, its achievements and follies; and in particular its lasting legacy that affects your lives today. Present your results as a multimedia report or historical record.		

Literacy Projects

Subject Area	Topic Label	Age Group
Literacy	People and events	7 years and above
Write a diary that describes a typical day in your life. Include details of all the regular tasks and activities that you undertake. Consider your audience – the discoverers of the Life on Earth archive, thousands of years in the future – what would you need to explain to them?		

Subject Area	Topic Label	Age Group
Literacy	Life style	4 to 11 years
Write a set of instructions that explain how to carry out a regular task or activity in the 21 st century. For example, how to brush your teeth, how to cross the road, how to make biscuits etc. (A joint class set of instructions is appropriate for early year students).		

Subject Area	Topic Label	Age Group
Literacy	People in the environment	11 years and above
Study an environmental issue in your local or national area (e.g. the continued use of coal fired power, urban pollution or industrial development in countryside areas). Write a persuasive letter to your local political representative to state the case for action, in order to protect the environment.		

Subject Area	Topic Label	Age Group
Literacy	Politics and Government	17 years and above
Produce an explanatory report that describes the structure and operation of your local or national government. Include diagrams, charts and images to support your explanation.		

Music Projects

Subject Area	Topic Label	Age Group
Music	Customs and heritage	4 to 11 years
Select a traditional local, or national, age appropriate song. Perform the song, as a choir. Record the performance on audio or video format.		

Subject Area	Topic Label	Age Group
Music	Arts and entertainment	7 years and above
Select or compose a short piece of, age and ability appropriate, instrumental music. Play the music and record the performance on audio or video format.		

Subject Area	Topic Label	Age Group
Music	Arts and entertainment	11 years and above
Research the work of a local or national composer (any genre, any historical period). Produce a report about their work. Attach audio file examples of their music. (Note: please ensure that you seek the necessary permissions to incorporate recordings of the artists' work)		

Physical Education

Subject Area	Topic Label	Age Group
Physical Education	Customs and heritage	4 to 11 years
Study a traditional local or national style of dance. Choreograph an age and ability appropriate version of the dance. Perform the dance and make a video recording of the performance. (Add an explanatory introduction to your video and wear traditional costumes if possible).		

Subject Area	Topic Label	Age Group
Physical Education	Sport and games	7 years and above
Select a local or national sport. Produce a report that explains the main rules of the sporting activity and shows examples of sporting skills in action. You may choose to add still or moving images of the key aspects of the game or activity to your report.		

Subject Area	Topic Label	Age Group
Physical Education	Health	11 years and above
Design and produce an age appropriate video or audio 'physical warm-up' guide. Your guide should adequately warm up each part of the body prior to more vigorous physical activity. The guide should include an explanation to 'why' and 'how' each warm-up is carried out.		

Subject Area	Topic Label	Age Group
Physical Education	Arts and Entertainment	11 years and above
Students choreograph an age and ability appropriate traditional or contemporary dance. Perform the dance and make a video recording of the performance.		

Science Projects

Subject Area	Topic Label	Age Group
Science	Botany	4 to 7 years
Students collect examples of local plant life and foliage. They agree on their own classifications (according to colour, shape, size etc.) The groups build a class display. The teacher (adult leader) photographs the display as a contribution to the archive.		

Subject Area	Topic Label	Age Group
Science	Botany	All ages

Using still image equipment, build a record of the flora in your local area. Research the characteristics and key facts associated with each plant, shrub or tree. Present your results as a multimedia botanical report. (A joint class report, would be suitable for early year student groups).

Subject Area	Topic Label	Age Group
Science	Wildlife	All ages
Using audio (sounds) and still image equipment, build a record of the wildlife in your local area. Research the characteristics and key facts associated with each animal. Present your results as a multimedia wildlife report. (A joint class report, would be suitable for early year student groups).		