

WHAT ELSE DOES ARCHAEOLOGY HAVE TO OFFER?

Here's what some of our respondents said.

I think archaeology is a great tool for learning. It can engage people who were otherwise disinterested and unmotivated. Learning about the history of the land where we live can spark a lot of interest and excitement.

**Additional Support Needs,
Support Provision**

Opportunities for exploring local environment, develop skills across the curriculum.

**Head Teacher,
Primary School**

Archaeology has a lot to offer, it can strengthen our sense of self and feeling of belonging. It has the potential to strengthen communities as archaeological projects are collective endeavours where team work and peer support lead to meaningful learning.

**University Lecturer,
School of Education**

Archaeology is multi-disciplinary, inspiring and hands-on so can engage all types of learners and is particularly beneficial for those who struggle to learn in traditional ways. It demonstrates practical applications of maths and a direct link with world of work and careers.

**Informal Learning Provider,
Historic Environment**

Archaeology allows a study of the past and how humans/society has developed over time, encouraging inquiry, questioning and development of knowledge. It facilitates outdoor learning and the development of transferable skills which can be used at all stages of life.

**Deputy Head Teacher,
Secondary School**

ARCHAEOLOGICAL LEARNING

THE BENEFIT AND IMPACT OF ARCHAEOLOGY



SCOTLAND'S
ARCHAEOLOGY STRATEGY

#SCOTARCHSTRAT
WWW.ARCHAEOLOGYSTRATEGY.SCOT
ARCHAEOLOGYSTRATEGY@HES.SCOT

ARCHAEOLOGICAL LEARNING

POTENTIAL BENEFITS & IMPACTS

Archaeological Learning, mapped against National Outcomes in the National Performance Framework show the key ways that archaeology can help to deliver outcomes.



Children and Young People

Supporting literacy and numeracy

Outdoor and play-based learning, with impacts on health and wellbeing



Communities

Enhance sense of place

Opportunities for community learning and development that enhance social inclusion and cohesion and combat loneliness



Culture

Encouraging participation in cultural activities

Supporting skills development and training that can lead to opportunities to work in the cultural sector



Economy

Promoting skills development to encourage entrepreneurial activity particularly in the tourism economy



Education

Supporting achievement of Curriculum for Excellence outcomes

Work place learning around archaeology and the historic environment

Development of skills applicable in different work contexts



Environment

Supporting learning for sustainability

Creating outdoor learning opportunities

Raising awareness of conservation

Enhancing understanding of the relationships between cultural and natural heritage



Health

Encouraging physical and outdoor activity

Providing opportunities for intergenerational learning

Supporting mental wellbeing

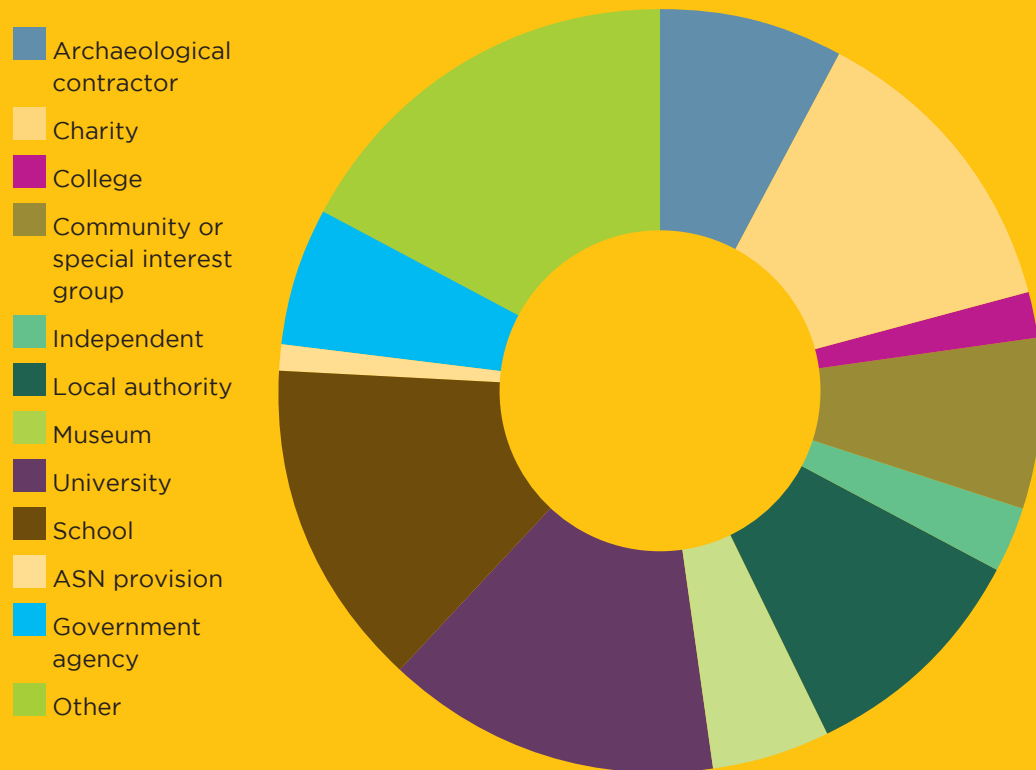


International

Enhancing visitor experience by raising awareness of and appreciation for archaeology and the historic environment

WHO DID WE SPEAK TO?

We surveyed 134 people from across archaeology and education in Scotland for the Archaeological Learning Report.



WHAT DID THEY SAY?

Over 90% of respondents said that archaeological learning can help develop these top 5 skills and attributes and help people learn and develop.

- 1 Critical thinking skills
- 2 Interdisciplinary learning
- 3 Team working
- 4 Sense of place
- 5 Social responsibility

WHAT IS ARCHAEOLOGY?

Archaeology is the study of the human past through its material remains. Through researching our places, artefacts and ecofacts (organic material), everyone can explore, better understand, value and care about the prehistory and history of Scotland's people, culture and landscape.

What is Scotland's Archaeology Strategy?

Scotland's Archaeology Strategy sets out a vision of Scotland as a place 'where archaeology is for everyone and where the study of the past offers opportunities for us now and in the future to discover, care for, promote and enjoy our rich and diverse heritage, contributing to our wellbeing and knowledge and helping to tell Scotland's stories in their global context'.

The 'Archaeological Learning' report was commissioned to support the delivery of Aim 4 of Scotland's Archaeology Strategy: Encouraging Greater Engagement.



WHAT CAN ARCHAEOLOGY OFFER?

Through archaeology learners can uncover stories from our past that resonate with the present and illuminate the future while developing key skills that can be used in many areas of work and life.

Knowledge, Understanding and Skills

Archaeology can enrich the lives of learners of all ages and abilities through the acquisition of knowledge and the development of skills. It opens learners' eyes to their own capacities for observation, analysis, creative thinking, team-working and research.

Social Inclusion, Health and Wellbeing

Archaeological learning draws people outdoors and encourages collaborative working with others. This supports learning, social inclusion and improved health and wellbeing.

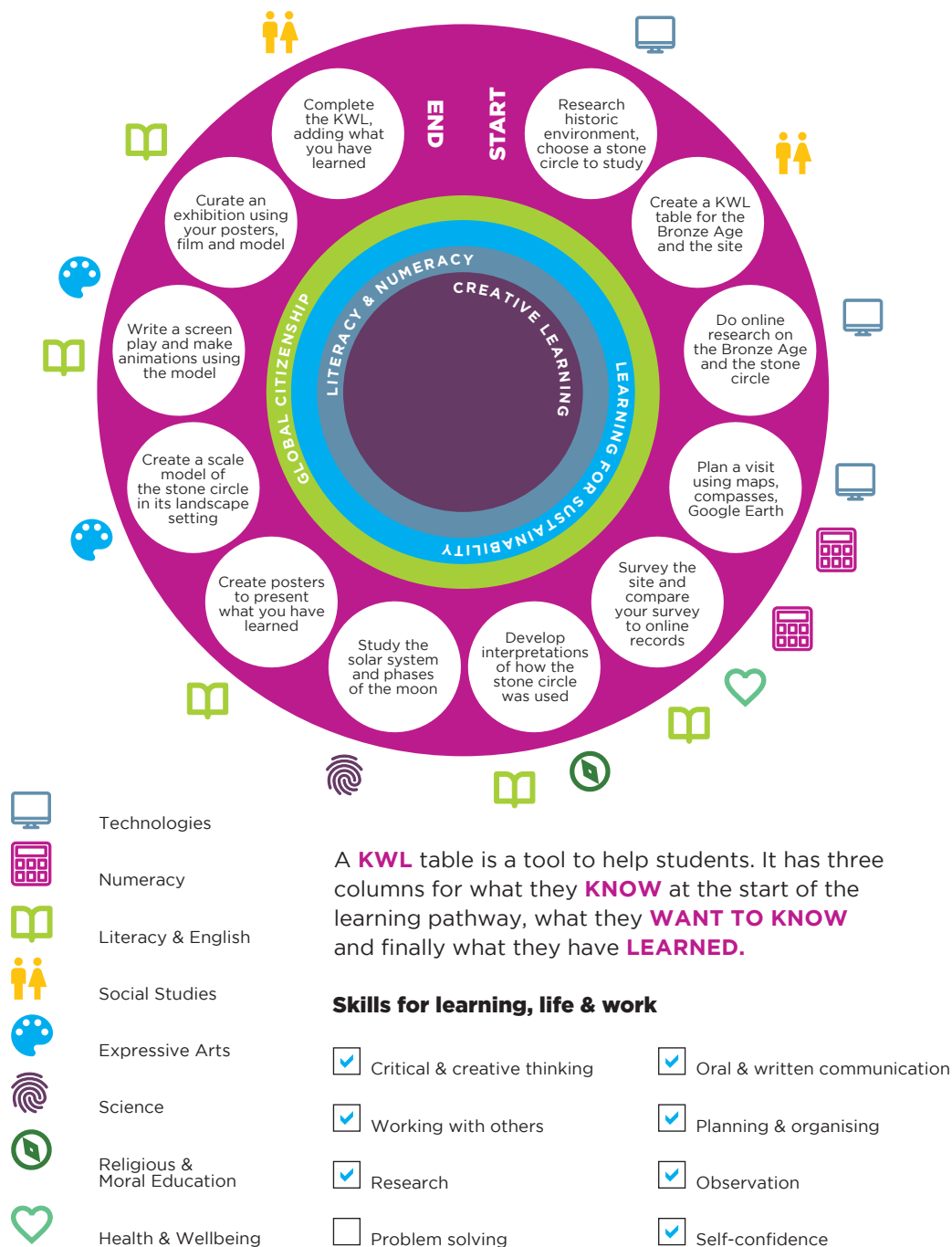
Archaeology with its potential for tactile, sensory and outdoor activities can benefit those who struggle to learn in traditional settings and those who need additional support.

Global Citizenship, Diversity and Sustainability

Archaeology tells stories of resilience, adaptation and innovation between people of different ethnicities, genders and beliefs. It strengthens our sense of common humanity across millennia, helping us imagine and accept cultural difference. Through archaeology we discover how communities of the past dealt with challenges that face us today. How did Bronze Age farmers in Scotland, over 2,500 years ago, adapt to survive climate change?



WORKED EXAMPLE OF THE PLACE-BASED ARCHAEOLOGICAL LEARNING TOPIC MAP



A **KWL** table is a tool to help students. It has three columns for what they **KNOW** at the start of the learning pathway, what they **WANT TO KNOW** and finally what they have **LEARNED**.

Skills for learning, life & work

☒ Critical & creative thinking	☒ Oral & written communication
☒ Working with others	☒ Planning & organising
☒ Research	☒ Observation
☐ Problem solving	☒ Self-confidence



ARCHAEOLOGICAL LEARNING REPORT

Where Next?

The study looked at how archaeological learning can benefit learners of all ages and abilities while delivering positive impacts in the context of national policy frameworks and educational provision.

Archaeology can help deliver the Curriculum for Excellence across all areas and supports some of the key approaches including active learning, cooperative learning, interdisciplinary learning and outdoor learning.

Activities and Resources

The study showed that archaeological learning activities must align to learners' needs and aspirations with clear goals and outcomes. The 'Archaeological Learning Toolkit' was developed to help educators plan and deliver activities and includes an archaeological learning framework tool, topic map templates and place-based archaeological learning case studies.

Training

82% of respondents said they would appreciate training on how to use archaeology as a learning tool. Many organisations offer training, support and resources:

Heritage Resources Portal

archaeologyscotland.org.uk/heritage-resources-portal/

Archaeology Scotland

archaeologyscotland.org.uk/learning/

Historic Environment Scotland

www.historicenvironment.scot/learn/

Forestry and Land Scotland

forestryandland.gov.scot/what-we-do/conservation/historic-environment-conservation/learning

Local museums and heritage groups may also offer training and provide resources.

Archaeological Learning Report by Northlight Heritage, 2019

Authors: O. Lelong, L. Farquharson, G. MacGregor & P. Murtagh

THE ARCHAEOLOGICAL LEARNING FRAMEWORK TOOL

AUDIENCES FOR LEARNING

NB: Each audience group will include learners with additional support needs

- Early Learners
- First Level school pupils
- Second Level school pupils
- Third/Fourth Level school pupils

1

- Senior Phase school pupils
- Further education students
- Higher education students

2

- Lifelong learners
- ESOL learners

3

Design learning around

that helps learners develop

using

through engagement with

and that supports them to achieve

STRATEGIC THEMES	KEY SKILLS	APPROACHES & METHODS	AREAS & ISSUES	KEY BENCHMARKS & INDICATORS
Learning for sustainability	Thinking skills	Outdoor learning	Environment & climate change	Curriculum for Excellence
Local sense of place	Literacy & numeracy skills	Digital visualisation	Expressive arts	Experiences & Outcomes (early learners, primary & secondary pupils, learners with ASN, school refusers)
Global citizenship	Oral & written communication skills	Creative learning	Gender politics	
Literacy & numeracy	Information & communication technology	Active learning	Mathematics	Core Skills (SQA Levels 2-6 learners)
Equality & diversity	Working with others	STEM-based learning	Multi-culturalism	Skills for Work (further education students)
Health & wellbeing	Leadership	Play-based learning	Philosophy	
Outdoor learning	Personal & social health & wellbeing skills	Co-creation	Religious & moral education	Graduate Attributes & Subject Benchmarks (higher education students)
Social inclusion	Personal learning planning & career management skills		Science	Skills Passport (lifelong learners)
Enterprise & employability	Physical co-ordination & movement skills		Social studies	National Indicators (all learners)
	Enterprise & employability skills		Technologies	Wellbeing Indicators (all learners):
	Social responsibility skills		Community development	<i>Safe / Healthy / Achieving / Nurtured / Active / Respected / Responsible / Included</i>
				Awards:
				<i>Heritage Heroes / Youth Achievement / Community Achievement</i>