How to Use Archaeology in the Classroom

archaeology

🌍 SOCIAL STUDIES
Deepens Historical Understanding

- Study migration & trade networks
- Explore Indigenous histories
- Learn responsible citizenship

🧮 MATHEMATICS
Makes Numbers Meaningful

- Map excavation grids
- Analyze artifact statistics
- Calculate dating timelines

🔬 SCIENCE
Applies the Scientific Method

- Study soil layers (stratigraphy)
- Examine bones & plants
- Use chemistry in dating methods

🌿 ENVIRONMENTAL & OUTDOOR EDUCATION
Teaches Stewardship

- Understand land use over time
- Study climate impacts
- Promote conservation ethics

🪶 INDIGENOUS STUDIES
Supports Reconciliation

- Integrates oral traditions
- Validates long-term land occupation
- Encourages collaborative research

🏃 HEALTH & PHYSICAL EDUCATION
Explores the Human Body

- Study skeletal remains
- Compare ancient diets
- Learn teamwork through field simulation

💻 DIGITAL LITERACY / CTF
Connects to Modern Careers

- GIS mapping
- 3D artifact scanning
- Database management
- Conservation technology

📖 ENGLISH LANGUAGE ARTS
Strengthens Critical Thinking

- Interpret evidence
- Write persuasive heritage arguments
- Analyze bias in historical narratives

🎨 ART
Builds Cultural Creativity

- Reconstruct ancient designs
- Analyze symbolism
- Explore material expression

The Archaeological Society of Alberta