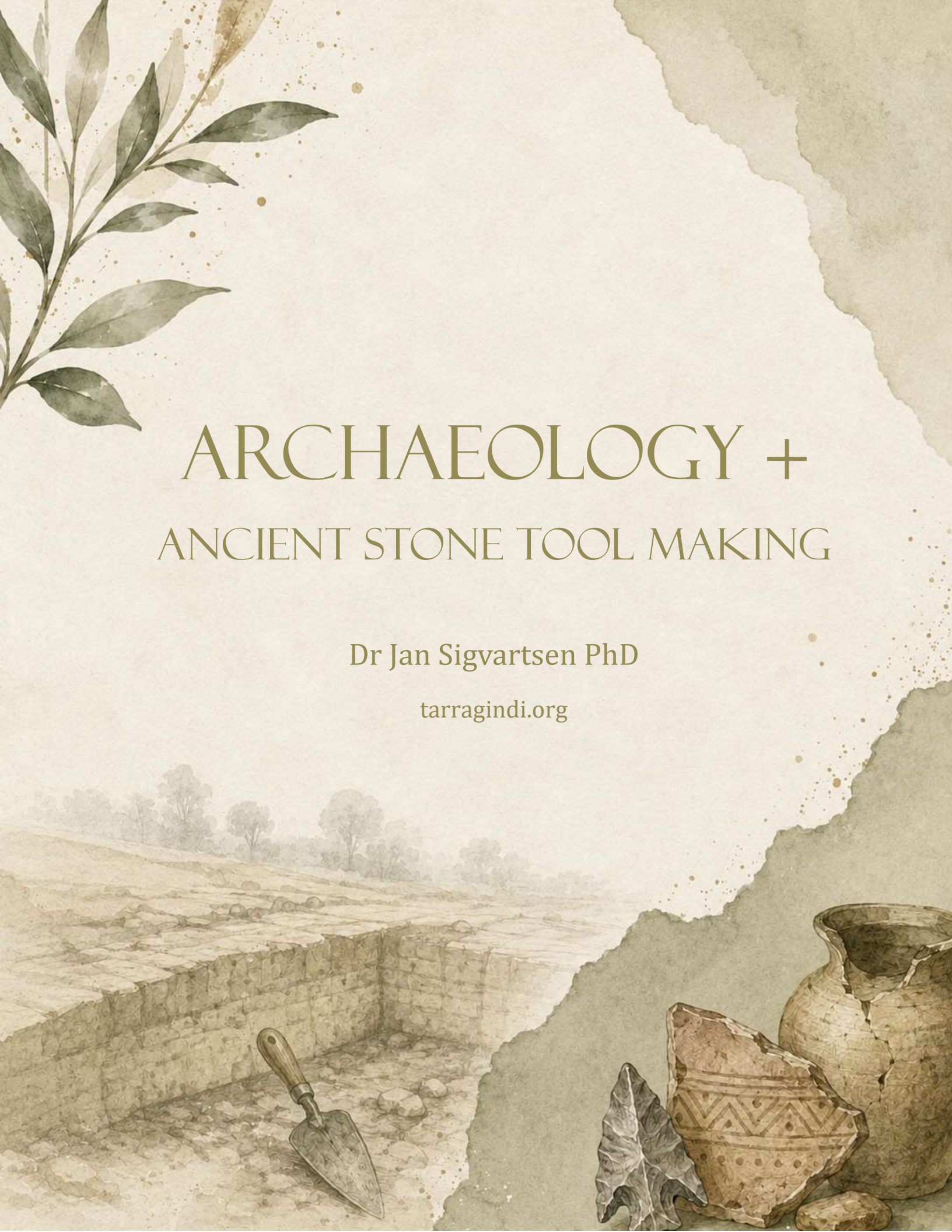




ARCHAEOLOGY + ANCIENT STONE TOOL MAKING

Dr Jan Sigvartsen PhD

tarragindi.org

Archaeology Plus – Ancient Stone Tool Making

CLASS TITLE: Archaeology Plus – Ancient Stone Tool Making (ages 8-20)
TOTAL REQUIRED HRS: 16
ADDITIONAL TIME POSSIBLE: Yes (if needed)
TOTAL SEMESTER HOURS: 16.5
LOCATION (address): 6161 Pheasant Court, Berrien Springs, MI 49103
PRIMARY INSTRUCTOR: Dr Jan A. Sigvartsen PhD
CONTACT INFORMATION: 269-363-3968 – info@tarragindi.org – tarragindi.org

LOCATION REGISTRATION INSTRUCTIONS, IF REQUIRED:

- Orientation for all of Dr Sigvartsen's 12 History, Archaeology, and Genealogy classes will be held on: September 1 **OR** September 3, 6pm – 8pm, 6161 Pheasant Court, Berrien Springs, MI 49103
- Your Local History Tour that gives context to your program will be held on: Saturday, September 12 **OR** Sunday, September 13, 3pm – 5pm.
- This class is then held every Tuesday, at 4pm-6.30pm from October 13 – November 10.

INSTRUCTOR QUALIFICATIONS: BA, MA, PhD

COURSE OBJECTIVES:

1. To allow students to learn about, identify, and date the stone and wood tools that people over the past 12,000 years used in our area.
2. To try making some of these tools and test how well they would work today.
3. To teach local indigenous and settler history in a real way with the view of students developing belonging and a sense of place in the local community.

SYLLABUS/OUTLINE: Weekly approximate breakdown of activities:

Week 1 – 2 hours (September 1 **OR** September 3, 6pm – 8pm)

Orientation: at the Tarragindi Archaeology Dig site: 6161 Pheasant Court, Berrien Springs, MI 49103.

You will be required to sign a waiver and choose if you want to participate in photographs or not during this program. We will go over expectations, requirements and goals. We will talk about how Dr Jan's programs endeavor to use local history and archaeology as a catalyst to build belonging and a sense of place, and they both can have very advantageous effects on your school work, your potential for success, and your future career.

- **Week 2 – 2 hours** (Saturday, September 12 **OR** Sunday, September 13, 3pm – 5pm)

Local History Tour: This semester we are going to Fernwood Botanical Gardens for our local history tour – our treat for you and one parent/guardian, if they want to join us. Siblings not registered in the program

or additional parents/grandparents/guardians are welcome, but are responsible for paying for their own discounted entry fee.

Fernwood Botanical Gardens is located at: 13988 Range Line Rd, Niles, MI 49120. Park in the carpark, wait on the patio outside for Dr Jan so we can go in together.

Did you know that a Native American trail went right through this garden and its landscape in the St Joseph river valley makes it almost perfect for settlement both now and 10,000 years ago. We will walk around this historic garden and hear stories of how this beautiful space came about in our community, and over the past 200 years was developed by different people.

Week 3 – 2.5 hours (October 13, 4pm-6.30pm)

Archaeology Plus – Stone Tool Making – 6161 Pheasant Court, Berrien Springs, MI 49013

Using the Tarragindi property, we will take a look at our surroundings and put ourselves into the shoes of an ancient person. What would you need to do to establish a camp or life here with no modern conveniences? What tools would you need to accomplish your goals? What protection from the elements and wild animals would you need? We will look at some ancient stone tools to see what was used and the layout of ancient villages.

Week 4 – 2.5 hours (October 20, 4pm-6.30pm)

Archaeology Plus – Stone Tool Making – 6161 Pheasant Court, Berrien Springs, MI 49013

Growing food: What ancient tools would you need to grow your own food? We will make a wood hoe, rake, and digging implements. What about preparing your food? What stone tools would you need?

Week 5 – 2.5 hours (October 27, 4pm-6.30pm)

Archaeology Plus – Stone Tool Making – 6161 Pheasant Court, Berrien Springs, MI 49013

Shelter and warmth: Michigan is cold. How did ancient people keep warm? We will make a simple stone axe head. We will learn how to identify and select hammer stones. We will also learn how to date ancient axe heads from Michigan and from other cultures around the world.

Week 6 – 2.5 hours (November 3, 4pm-6.30pm)

Archaeology Plus – Stone Tool Making – 6161 Pheasant Court, Berrien Springs, MI 49013

Arrowheads: We will learn about the different types of arrowheads and spears used over time and how to date them. This is the easiest way to date an archaeological site if points are found. We will also learn the basics of flint napping, how flint (and chert, jasper, and obsidian) breaks, and make a scraper and an arrowhead.

Week 7 – 2.5 hours (November 10, 4pm-6.30pm)

Archaeology Plus – Stone Tool Making – 6161 Pheasant Court, Berrien Springs, MI 49013

Clovis Points: The oldest group of people identified in the America were the Clovis people. They had an amazing spearhead called the Clovis Point that they used for hunting Woolly Mammoths and large game. We will learn about these ancient Americans and learn to make a Clovis point.

STUDENT ASSESSMENT - In addition to the 2 items below, what will be used to evaluate student progress and/or end of semester pass/fail status?

- 1) Students agree to attend at least 80% of class sessions/lessons offered. Attendance is kept online and tracked by Partnership staff. Unexcused absences resulting in failure to meet 80% threshold may result in program discontinuation.
- 2) The Partnership Student Assessment is filled out by the teacher and turned in to Partnership staff. The rubric is found on the teacher's online attendance sheet. Failing marks for lack of participation, behavior issues, excessive absences, etc. may result in program discontinuation.
- 3) Other class-specific assessment: Engagement in the program, follow through with instruction, and participation in creating tools.

ADDITIONAL RESOURCES: (online, books, video, etc.):

www.tarragindi.org/resources - page on our website giving links to local history resources.

CLASS-SPECIFIC POLICIES:

Attendance: Students are to attend each week. If they cannot make it one week, we are happy to reschedule or have them attend one of our other archaeology classes that has some crossover content.

Behavior: To be careful, listen to instructions, wear your safety gear, identify everything you like about others (not what you don't like about them – ancient and settler communities succeeded through team work), zero tolerance of bullying, report bullying, have fun!

Weather: If it is raining, the class will be canceled and all students emailed. Dr Sigvartsen will still go down to the site to ensure everyone got his email message.

Other: Do not enter the Tarragindi Dig site when Dr Sigvartsen is not there. Be kind to the neighbors by parking in the designated areas, being courteous, and keeping quiet.