Name: Mark Surzyshyn School Advisors: Nancy Lawrence, Zale Darnel

Date: Dec. 5 Faculty Advisor: Craig Bassett

Block + Time: (1/1) – 9:00 Room: 105

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| Subject: Foods | Grade: 8/9 | Lesson # 2 | Duration:  75 minutes |
| Lesson Overview | The lesson will begin with a quick review of the safety quiz before handing in.  A short video made by one of my classmates will show different fire building techniques (box/pyramid etc.), as well as extinguishing. The lab will consist of molding simple fire starters | | |

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| Big Idea(s) | Complex tasks require the acquisition of additional skills, and may require multiple tools and technologies |

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| Curriculum Competencies | * Demonstrate an awareness of precautionary safety procedures   Making: Identify and use appropriate tools, technologies, and materials for production. Use materials in ways that minimize waste (re purpose of household items)  Identify and evaluate the skills and skill levels needed, individually or as a group, in relation to a specific task, and develop them as needed |
| Content  Students will be able to: | * Describe different methods for building an outdoor fire * Describe how to effectively and safely extinguish a fire * Make and mold fire starters from discard household items (dryer lint, egg cartons, candle stubs or paraffin) |
| Language Objectives | * Any non-conversational English words will be described/translated in the procedure handout |

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| Materials and Equipment Needed for this Lesson | | |
| Tools:  Egg cartons (NOT Styrofoam)  Dryer lint or steel wool  Candle stubs or paraffin  Dental floss  Scissors  Mason jar and saucepan  Cardboard cooling tray to prevent wax drips | Foods:  None | Visuals:  Overhead projector with sound/vga  Course booklet |

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|  | Lesson Stages | Learning Activities | Time |
| 1 | Intro | - How to build a fire! Start off with video | *10 minutes* |
| 2 | Presentation - Demo | - Fire starter demo – have wax melting at demo table during video  - demo 1 fire starter construction  - emphasize safety with melted wax! | *15 minutes* |
| 3 | Practice and Production – Lab time | - In groups, assign tasks and make fire starters as per demo  Remind class that safety sheets are due, in class time is fine if you are finished and fire starters are cooling | *40 minutes* |
| 4 | Closure | Clean up work stations, do not touch cooling fire starters till next day! | *10 minutes* |

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| Assessment/  Evaluation of Students’ Learning | Group work observations, notes  Written quiz due with 80% pass before fire cooking begins – re writes required till pass |

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| Teacher notes | State the objective to the class  Teach to the objective  Evaluate comprehension of the objective |