Birdhouse Building Lesson Plan

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| What type of lesson is this: |
| * Inquiry based
* Problem-based
 | * Project based
* Hands-on lab experience
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| What is the AFNR standard(s) this lesson relates to?07.03 Demonstrate safe use of common tools used for construction, repair, and maintenance of power, structure and technical systems. |

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| Define the objective(s):Students will be able to safely use a hammer to build a birdhouse.  |

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| 3 key points/take aways: * Ag literacy or career connections
* Tool safety
* Reading a plan
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| Summative Assessment:Built birdhouse and checkpoints throughout building.  |

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| Student Learning Approach(es):* Demonstration of correct process for driving a nail.
* Show steps of assembling the bird house.
* Students work in groups or pairs to assemble their bird house.
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| Materials List:Bird House Kits/spare wood piecesSafety GlassesHammers1 ½ inch Finishing NailsWood ClueCopies of Plans |

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| Interest Approach (3 minutes):Show this picture. Lead a discussion on why this happened and what could have prevented it (knowing how tall the truck is). |

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| Lesson Content: DemonstrationDriving a nail* Safety glasses
* Holding the hammer
* Holding the nail
* Tips to avoid splitting wood

Building the Birdhouse* Verify you have the necessary pieces
* Connect the two side pieces (B) to the bottom (A)
* Assemble the roof pieces (D&E)
* Attach the bottom and sides (A & B) to the back (C)
* Attach the roof to the sides and back
* Attach the front (F) to the bottom

Student Questioning/Formative Assessment:You could have students bring their birdhouses to you at each stage of the process.  |

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| Reflection: |