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| **Teacher Candidate Name:** | Richard Dahl | **Faculty Advisor:** |  |
| **Grade & Subject:** | 9/10 Metal | **School Advisor:** |  |
| **Date + Time of demo/class:** | Nov. 30/ 2017 | **Block + Classroom:** |  |

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| **Topic/Introduction:**  Subject matter  Explain about the technology  to be demonstrated | Metal Book Production - Book Binding |
| **Goals:**  Aims/Outcomes  BC IRPs | A openable book made out of metal |
| **Objectives:**  Performance/ Behavioural Indicators  What will students be able to do/know or feel by the end of the lesson?  SWBAT  (students will be able to...) | Make sheet metal seams,  Understand how a hinge works,  Artificially age metal  Build a book |
| **Lesson Strategy:**  Describe what you will do to get and hold the students’ attention/introduce the technology of interest | Show them the book, some historical examples of metal books. |
| **Instructional Materials:**  List the necessary teaching materials  Aids/AV/Technology  Same materials and tools students will need | Handout on book binding  Paper layout |
| **Tools and Materials:**  Materials and tools students will needed | Box and pan brake  Hand shears |
| **Procedure:**  How much time will you spend on individual parts of the lesson?  List steps necessary for using or applying the tool or process. | 5 minutes on paper layout  5 min on box and pan brake  Safe band saw operation with metal |
| **Evaluation/Assessment:**  Measures of Progress/  Describe the assessment strategy | Produce practice roll over seam  Produce flat seam |
| **Special Safety:**  Any special safety precautions | Working with sheet metal,  Gloves, eye protection, |
| **Integration:**  List subjects or topics with which this technology integrates | Art and metal can be combined |
| **Implications:**  Ecological or social context | Recycling old metal, paper |
| **New Terms:**  Vocabulary/  List and define new terms | Binding,  Seam  Signature  Hinge  Patina |
| **Questions:**  Assessment/Feedback | Review safety considerations |
| **Closure/Summary:**  Wrapping it up/  Recap Key Concepts/Summarize the lesson or demonstration | Go over steps –  Remind students that practice takes time |
| **Teacher Reflections:**  To be completed  after your lesson  Notes for yourself | This project involves many complex bends, there must be some skill builders used. Brake bending, |