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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 matterExplain about the technologyto be demonstrated |  Metal Book Production - Book Binding |
| **Goals:**Aims/OutcomesBC IRPs |  A openable book made out of metal |
| **Objectives:**Performance/ Behavioural IndicatorsWhat 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 metalBuild 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 materialsAids/AV/TechnologySame materials and tools students will need | Handout on book bindingPaper layout |
| **Tools and Materials:**Materials and tools students will needed | Box and pan brakeHand 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 layout5 min on box and pan brakeSafe band saw operation with metal |
| **Evaluation/Assessment:**Measures of Progress/Describe the assessment strategy | Produce practice roll over seamProduce 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,SeamSignatureHingePatina |
| **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 completedafter your lessonNotes for yourself | This project involves many complex bends, there must be some skill builders used. Brake bending,  |