Shop Exploratory

Normal Rotation (18 class periods)

Class:\_\_\_\_\_\_\_\_\_\_\_\_ Rotation:\_\_\_\_\_\_

Day 1:\_\_\_\_ Shop Safety, introduction to the shop setting (shop tour)

Day 2:\_\_\_\_ Shop Safety, plan layout, drafting, one and two perspective drawings, materials list, tape measure, square, begin planning bird box/feeder (or similar project student choice).

Day 3:\_\_\_\_ Shop Safety, measuring, making square cuts, saw kerf, checking with a square, material selection (cupped, cracked, twisted, bowed wood)

Day 4:\_\_\_\_ Shop Safety, clamps, bar, pipe, F, and C clamps (Keeping your hands safe)

Day 5:\_\_\_\_ Shop Safety, fasteners, screws, nails, pilot holes, glue, avoid splitting wood

Day 6:\_\_\_\_ Shop Safety, Drill press hole saw operation and safety

Day 7:\_\_\_\_ Shop Safety, cordless drill operation and safety. Boring for the perch, scrap wood

Day 8:\_\_\_\_ Shop Safety, orbital sander operation and safety, setting nails with a punch

Day 9:\_\_\_\_ Shop Safety, choosing a finish with a purpose

Day 10:\_\_\_\_ Shop Safety, finish project bird box

Day 11:\_\_\_\_ Shop Safety, pedestal project, plan layout and design, materials list

Day 12:\_\_\_\_ Shop Safety, band saw/scroll saw safety and operation, relief cuts, following the line,

Day 13:\_\_\_\_ Shop Safety, moving backwards on the band saw, fixing a blade that has fallen off

Day 14:\_\_\_\_ Shop Safety, drill press sander safety and operation. Sanding block, gloves

Day 15: \_\_\_\_ Shop Safety, attaching project to the base, pilot holes, screws, and glue

Day 16:\_\_\_\_ Shop Safety, Choosing the proper finish for you project, sanding

Day 17:\_\_\_\_ Shop Safety, complete projects, if competed clean the shop

Day 18:\_\_\_\_ Shop Safety, complete projects, if completed clean the shop.