“Dog” Project Guide Lines

The dog project is designed to test your knowledge of joints and how you would complete the joint.

You can do any animal it does not have to be a dog.

You are graded for how tight your joints are.

1. Do a Bill of materials based off of my Dog Project in the classroom.
2. You will need 4 sticks that are 1” x 1 ¼” x 12”
3. Layout the joints IN PENCIL.
   * See diagram for each stick on the back
4. Cut the cross lap joints using the dado head table saw.
   * Cut them to be half the thickness of each piece. Why?
5. Cut the miter joint.
   * Cut the spline for the miter joint.
6. Cut the dado joint.
7. Cut the dowel joints.
8. Cut the characteristics into your pieces.
9. Sand the edges smooth. Get rid of machining marks.
10. Draw, burn, or paint on a face.

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| 5 | 4 | 3 | 2 | 1 |
| Dog joints must stay together between 8-10 shakes. | Dog joints stay together between 6-7 shakes. | Dog joints stay together between 4-5 shakes. | Dog joints stay together between 2-3 shakes. | Dog joints only last 1 shake. |
| Joints are nice and tight. Layout was correct. Cutting was clean and on the line. | 1 joint is loose. Layout was good. Cutting was not clean, there were gaps. | 2 joints are loose. Layout is sloppy. Cutting was not clean and on the line. | 3 joint are loose. Layout is really sloppy. Cutting is not on the line. | Joints are held with glue. 4 or more joints are loose. You layout was incorrect and so was your cutting. |
| There are not bandsaw or sanding marks on your dog. Edges are not sharp and hand rounded over. | There are some bandsaw marks and sanding machine marks. Edges could be more rounded over. | There are lots of sanding marks but no bandsaw marks. You did not round over your edges. | There are lots of sanding and bandsaw marks. You did not spend enough time sanding. | You did not sand at all; or you did not sand enough. |
| Your dogs characteristics are individual and you painted or burned on a face. | Your dog’s characteristics are similar to someone elses. You could have spent more time on them. And he has a burned on face. | Your dog’s characteristics are the same to someone else’s and you penciled on a face. | Your dog’s characteristics match the models. And you penciled on a face. | You did not give your dog characteristics or a face. OR you gave your dog an inappropriate characteristic. |

Total:

1. What could you have done better? Spent more time on?
2. Did this assignment challenge you?
3. What is your dog’s name?