Name Period Date

**Tech 1 Final Study Guide**

**\*This study guide can be used on your final. Take it seriously\***

Topics to be covered on the final:

*Color Wheel Review Parts and Types of Stages Review Stage Makeup Scale*

*Lights and Lighting Design Seussical Set Construction and Safety Knots Scenic Painting*

*Sewing Ground Plans and Renderings Metamorphoses Tool Usage*

1. What is the difference between drawing and drafting?
2. Why do we wear moisturizer under our makeup?
3. What are they different sized scales?
4. What is a SWL and how does it work? Give an example.
5. Why is so important for a designer (Costume, Lighting, Set, Scenic Painting, etc.) to be familiar with and understand the color wheel?
6. What two types of stages do we have here at Rancho Mirage?
7. Would a Fresnel make a good front light? Why or why not?
8. What is the relationship between channel, circuit and dimmer?
9. What would be your response to, “Lights going Dark?” and why?
10. Which saw is safer, the jig saw or the circular saw and why?
11. What is wet blending?
12. Why do you sew the nice sides together when sewing a stuffed animal?
13. Draw what stairs look like on a ground plan:
14. Explain the steps to properly hanging a stage light (include which tools you would use):
15. Why was the story of Orpheus and Eurydice so tragic?

Scale Practice:

Convert in 1” Scale:

Paper = Real Life

1. 4” =
2. 6” =
3. 2.5” =
4. ¼” =
5. = 8’
6. = 16’
7. = 2’6”

Convert in ½” Scale:

Paper = Real Life

1. 2” =
2. ½” =
3. ¼” =
4. 2/3” =
5. = 10’
6. = 2’
7. = 6”

Convert in ¼” Scale:

Paper = Real Life

1. 3” =
2. 4” =
3. 1/8” =
4. 3.5” =
5. = 8’
6. = 12’8”
7. = 10’