

## Characteristics of Life Grading Checklist

### Part I: Class Demonstration

1. Photos
  - a. Before exhaling into brom blue .....(1)\_\_\_
  - b. After exhaling into brom blue.....(1)\_\_\_
  - c. Title.....(1)\_\_\_
  - d. Caption explaining pic.....(2)\_\_\_
2. Questions
  - a. #1.....(1)\_\_\_
  - b. #2.....(1)\_\_\_

### Part II : Experiment

1. Chart I – Initial Observations
  - a. color changes.....(4)\_\_\_
  - b. bubble changes.....(4)\_\_\_
  - c. CO<sub>2</sub> release.....(4)\_\_\_
2. Chart II – Final Observations
  - a. color changes.....(6)\_\_\_
  - b. bubbling.....(6)\_\_\_
  - c. CO<sub>2</sub> release.....(6)\_\_\_
3. Picture – Initial
  - a. Photo.....(1)\_\_\_
  - b. Title.....(1)\_\_\_
  - c. Caption.....(2)\_\_\_
4. Picture – Final
  - a. Photo.....(1)\_\_\_
  - b. Title.....(1)\_\_\_
  - c. Caption.....(2)\_\_\_

### Part III: Yeast Cells

1. Part A photos
  - a. picture.....(1)\_\_\_
  - b. title.....(1)\_\_\_
  - c. caption.....(2)\_\_\_
2. Part B photos
  - a. picture.....(1)\_\_\_
  - b. title.....(1)\_\_\_
  - c. caption.....(2)\_\_\_
3. Photo Requirements
  1. colony labeled.....(1)\_\_\_
  2. bud labeled.....(1)\_\_\_
  3. yeast cell labeled.....(1)\_\_\_
  4. measurement and identity .....(2)\_\_\_

Analysis/Conclusion Questions

1. ....(1)\_\_\_
2. ....(1)\_\_\_
3. ....(1)\_\_\_
4. ....(1)\_\_\_
5. ....(1)\_\_\_
6. ....(5)\_\_\_

Going Further Questions

1. ....(1)\_\_\_
2. ....(1)\_\_\_
3. ....(1)\_\_\_