## Afterschool Universe Post-program Student Questionnaire

For each item, please fill in the circle that describes best how much you agree or disagree with the statement. Thank you!

| Example: Pizza is my favorite food.                                 |              | China.       |              | (A) |
|---|--------------|--------------|--------------|-----|
| If you <b>REALLY agree</b> because you LOVE pizza, mark this:       | $\mathbf{O}$ | $\mathbf{O}$ | $\mathbf{O}$ | •   |
| If you agree because you like pizza, mark this:                     | $\mathbf{O}$ | $\mathbf{O}$ | •            | O   |
| If you don't agree because you don't like pizza, mark this:         | $\mathbf{O}$ | •            | $\mathbf{O}$ | O   |
| If you <b>REALLY don't agree</b> because you HATE pizza, mark this: | •            | O            | •            | O   |

|  | Really<br>don't<br>agree | Don't<br>agree | Agree | Really<br>Agree |
|--|--------------------------|----------------|-------|-----------------|
|  | 30                       | (Jan.          |       |                 |
| 1. Science is interesting to me.   | O                        | •              | O     | O               |
| 2. Science is helpful in understanding today's world.                            | O                        | O              | O     | C               |
| 3. I have a real interest in learning about the Universe (stars, planets, etc.). | 0                        | 0              | O     | 0               |
| 4. I know a lot about how scientists study stars and planets.                    | O                        | O              | O     | O               |
| 5. It is important for me to learn science.                                      | 0                        | O              | •     | O               |
| 6. Solving science problems is fun.  | O                        | •              | O     | O               |
| 7. I think science is something I can do.  | 0                        | •              | O     | O               |
| 8. I enjoy learning science concepts.  | O                        | O              | O     | O               |
| 9. I know different ways to conduct science investigations.                      | <b>O</b>                 | •              | •     | •               |
| 10. I would like a job that uses science.  | O                        | C              | C     | C               |
| 11. I like to use science equipment to study the world around me.                | O                        | O              | O     | O               |
| 12. I would rather do a science experiment than read about science.              | •                        | •              | •     | 0               |
| 13. I have a good feeling toward science.  | O                        | O              | O     | O               |
| 14. Being a scientist would be an exciting job.                                  | O                        | O              | O     | O               |
| 15. I want to learn more about space science.                                    | <b>O</b>                 | O              | 0     | 0               |

|   | Really<br>don't<br>agree | Don't<br>agree | Agree | Really<br>Agree |  |  |
|---|--------------------------|----------------|-------|-----------------|--|--|
| As a result of this program, I learned much about:  | 30                       | Claurz         |       | 8               |  |  |
| 16. How the Earth fits into the Universe (the Earth is a tiny part of our Galaxy).          | •                        | O              | 0     | 0               |  |  |
| 17. How astronomers study light to understand the Universe.                                 | •                        | O              | 0     | •               |  |  |
| 18. The size and age of the Universe.   | O                        | O              | O     | O               |  |  |
| 19. How the elements we are made of relate to the elements in stars.                        | •                        | •              | 0     | •               |  |  |
| 20. The kinds of objects that make up the Universe (planets, stars, black holes, galaxies). | •                        | O              | 0     | 0               |  |  |
| 21. The different types of light, the kind we see and other invisible types.                | •                        | O              | 0     | •               |  |  |
| 22. The time it takes light to travel.  | O                        | O              | O     | O               |  |  |
| 23. How the sun is a star, just like other stars in the sky at night.                       | •                        | O              | O     | •               |  |  |
| 24. How did what you learned in this program change your ideas about the                    |                          |                |       |                 |  |  |

24. How did what you learned in this program change your ideas about the Universe?

25. How did what you learned in this program change your ideas about how science is done?

26. Did participating in this program make you want to participate in other science-related activities? Oyes O No

27. What did you like most about the activities in this program?

28. I am in:  $O6^{th}$  grade  $O7^{th}$  grade