

15. **Machine Shop Tour:** What does our computer controlled Lathe make?

16. **GBT Tour:** How much does the GBT weigh?

17. **GBT Tour:** How big is the GBT dish?

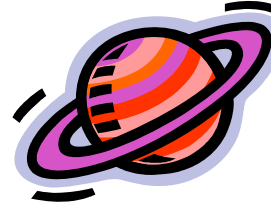
18. Name the year NRAO began in Green Bank

19. **Liquid Nitrogen:** How cold is Liquid Nitrogen?

20. Who is the father of Radio Astronomy?

21. What was your favorite part of the Open House?

You are Done! Go to the Science Center front desk for your chance to win a prize!



Open House Scavenger Hunt

Bonus Q: What's wrong with this picture?

If you answer this question, you can trade it for another question.



Brought to you by:



National Radio Astronomy Observatory
Green Bank, WV

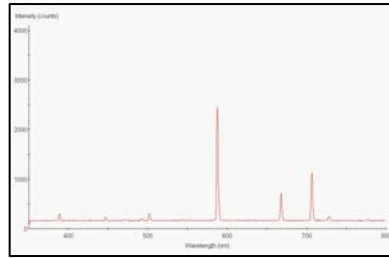
Answer these questions. **If you get stuck, ask the astronomer!**
When you are finished, return to the Science Center front desk for your ticket to win prizes, including a 6 inch telescope!

1. **Make and Take Room:** Which planet is halfway between the Sun and Pluto?

2. **Make and Take Room, or StarLab:** Name a constellation you can see all year long.

3. **Exhibit Hall--Cosmic Clues 2:** View yourself in the infrared. What part of you is hot?

4. **Exhibit Hall--Cosmic Clues 3:** If you used a spectroscope to look at a star and saw this pattern, what gas would the star contain?



5. **Exhibit Hall:** Ask the Astronomer a question. What question did you ask?

6. **GBT Control Room:** There are microphones mounted 450 feet up on the telescope! What do we listen to?

7. **GBT Control Room:** Name a discovery that was made with the GBT.

8. **Electronics Lab:** Name one thing NRAO engineers design and build.

9. **Comet Making:** Name two ingredients in a comet.

10. **Radio Frequency Interference Demo:** Name something you own that makes radio signals.

11. **Reber Telescope:** Where did Grote Reber build the first radio telescope?

12. **Computer Science Demo:** What are those big metal doors for?

13. **Computer Science Demo:** What program helps astronomers control the GBT?

14. **Solar Viewing:** What feature on the Sun can you see through an H-alpha telescope?