



Science is Everywhere—It's hands-on at your Library! Play the WHIZard Bingo Game



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| <p>Name one of Nikola Tesla's inventions:</p> | <p>What animal aids in composting and lives in the Library Director's office?</p> | <p>What does the acronym STEM stand for?</p> | <p>Yogi Bear greets you in the Children's Room. Are bears omnivores, herbivores, or carnivores?</p> | <p>On the Library's Mac there is a chemistry app called "the elements", what is the symbol for the app?</p> |
| <p>Identify one of the trees in the library's parking lot. (extra credit for the Latin name)</p> | <p>Who first suggested the symbol for Pi?</p> | <p>Where can you see a list of the Library's new STEM books and DVDs?</p> | <p>A painting on the 2nd floor shows a Florida island that boasts some of the best shelling. Name the island:</p> | <p>There are many cichlids in the Library's fish tank. Where in the world does this species originate?</p> |
| <p>Curious George may have come from a rainforest. Name a monkey, snake, bird or frog that lives in one of the world's rainforests.</p> | <p>Name the shape of the cell that bees manufacture to store honey, pollen and raise brood.</p> | <p>Which of the Library's scheduled STEM programs would you most like to go to?</p> | <p>Our "Orphans" statue was repaired in 2013. What technique was used to create molds for the missing parts?</p> | <p>Which H-W Library electronic resource can you use to find out about your car's maintenance and repair?</p> |
| <p>What was the name of the dinosaur first thought to be a bird?</p> | <p>What Dewey number or H-W Library electronic resource could you use to find out about a science career?</p> | <p>What kit will be used for the hands-on electronics program scheduled for January 7, 2015?</p> | <p>What is the square footage of the Library?</p> | <p>What is the Dewey Decimal number where you can find books on Astronomy?</p> |
| <p>What is the difference between a catapult and a trebuchet?</p> | <p>What is the filament for the Library's MakerBot made from?</p> | <p>Name you favorite science book or video:</p> | <p>Who was the first woman in America to be admitted to a scientific school?</p> | <p>Name your favorite scientist:</p> |



First Name _____ Last Name _____

Phone # _____ Age _____

Email _____

Rules and Instructions: The WHIZard Bingo game is for all ages. Pick any 5 squares for a Bingo, and write your answer to the questions in the squares for a chance at winning a prize. Or, go for the grand prize and answer all 25 questions. To be entered in the prize drawing, drop your finished WHIZard Bingo in the black box under the Young Adult area sign. The deadline for entering is: **4:00 PM on Saturday, January 3, 2015.**

The Hamilton-Wenham Library has won an important grant from the federal Institute of Museum and Library Services through the Library Services and Technology Act administered by the Massachusetts Board of Library Commissioners. The \$7,500 grant entitled Science is Everywhere – It's Hands-On at Your Library! will help the library offer Science-Technology-Engineering-Math (STEM) programs for children and teens who are in grades 3-8. Local teachers will be offering a wide variety of programs at the library including CAD workshops (utilizing the Library's 3-D printer), bicycle mechanics, rockets, and electronics. Pick up a brochure to see all the workshops. Grant funds will also be used to purchase new STEM books and DVDs for the library's collections.

Prizes:

- ◆ **Grand Prize** — Gift certificate to Jabberwocky Books at the Tannery Marketplace in Newburyport.
- ◆ **Prize 1** — Two free tickets to the Cape Ann Historical Museum.
- ◆ **Prize 2** — Robot kit.

WHIZard Bingo Answer Resources:

- ◆ Ask a Librarian for a clue to *one* answer.
- ◆ Library's website. (hwlibrary.org)
- ◆ The Library's online catalog. (hwlibrary.org)
- ◆ The Library's electronic resources. (hwlibrary.org)
- ◆ Illustrated Encyclopedia of Trees (Reference 582.16 MOR).
- ◆ The Handy Math Answer Book (Reference 510 BAR).
- ◆ The Encyclopedia of Science & Technology (Reference 503 ENC).
- ◆ Aquarium books (J 639.34 Mills).
- ◆ Bear books (J 599.78).
- ◆ Dinosaur books (J 566 COX and J 567 ARL).
- ◆ Rainforest books (J 577.34).
- ◆ Grizimek's Animal Life Encyclopedia in Reference (Ref. 591.03 GRZ), which is also found online in our electronic resources at hwlibrary.org.