

EYE SPY ANSWERS FOR THE 2015 BOOK FESTIVAL POSTER

You can download a copy of the poster online from the Kids-Teachers website at:
<http://www.loc.gov/bookfest/kids-teachers/hostyourown/poster.html>

Thanks to the Mensa Education and Research Foundation for developing the Eye Spy activity for this year's festival poster.

1. Question: Can you find the chair missing its reader?

Answer: There is one chair without the reader in or on it of the nine in the poster. That means that 11.1% of the chairs have no reader and 88.8% do. The numbers don't quite add up to exactly 100 because the fractions repeat.



2. Question: What anniversary is this for the Festival?

Answer: The Festival is celebrating its 15th anniversary. Traditionally, the gift for a 15th anniversary is crystal. The study of crystals is called "crystallography." Many computer screens use liquid crystals for the screen's display, and snowflakes are ice crystals that form high in the clouds. There is a cave full of enormous crystals near Chihuahua, Mexico called Cueva de los Cristales, or Cave of Crystals. You can read about it at <http://bit.ly/crystal-giants>.



3. Question: Can you find the book whose color is a different color from the others?

Answer: All of the books have red covers except the book the reader is holding in the bottom right chair. It's blue. Any guesses as to why the artist chose to make that one different? What color is the cover of your favorite book?



4. Question: Which president is quoted in the poster?

Answer: Our third president, Thomas Jefferson, said, "I cannot live without books." His words, the theme for this year's Festival, comes from a letter he wrote to fellow president John Adams on June 10th, 1815. The Library of Congress has an image of the letter you can see at <http://bit.ly/TJ-letter> The quote is on page 3. Can you find it?

THOMAS JEFFERSON

5. Question: Find the sole of a shoe.

Answer: This comfy chair doesn't seem to mind having shoes on it, and you can see the reader's shoes in every image of the reader in and on the chair.



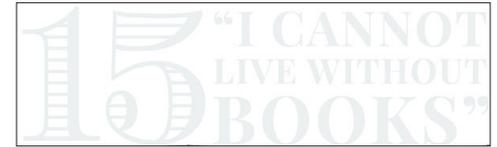
6. Question: Can you count the hours the Festival runs?

Answer: The National Book Festival will run for twelve hours, which is 0.0164275 months or 720 minutes or 43,200 seconds. Will you stay for all of them?

10 AM - 10 PM

7. Question: What two things are in the background of the poster?

Answer: The number 15 figures prominently as one of two elements in the poster's background, celebrating the Festival's 15th anniversary. Additionally, you can see the Festival's thematic quote repeated next to the number 15.



8. Question: How many colors are in the reader's stockings?

Answer: The artist uses four colors to illustrate the reader's striped stockings - yellow, blue, a pinkish/red, and a grayish/black. One book character is well known for her striped stockings. The heroine of Swedish author Astrid Lindgren's *Pippi Longstocking* series is known for her striped and often mismatched stockings.



9. Question: How many number 15s are in the background (count all you can see, including partial numbers)?

Answer: We count 35 times the number 15 appears in the background. There are twelve rows of text and numbers, with three instances each, but the top banner hides some of the numbers, leaving 35 visible.