

## Answer Key - Toronto Reference Library is Under Attack! - July 2nd, 2020

A word from our creators:

*Some puzzles were tougher than others, but hopefully you were able to enjoy yourselves. Thank you all for playing with us and we hope these Answer Keys will help relieve any questions you had about the puzzles. We'll continue to work on new Online Escape Rooms for you, so stay tuned in to our website at [tpl.ca/teens/programs-and-classes.jsp](http://tpl.ca/teens/programs-and-classes.jsp)!*

### **Puzzle 1: Toronto Reference Library Exterior**

Answer (1 word, no caps!): newspaper

A lot of the statements on the windows are meant to misdirect you, so the first thing you must figure out is which colour you should trust. Because red tells you that “no colours are true”, while yellow tells you that “all colours are true”, the two cannot both be correct because the question already tells you that one colour IS telling the truth, so that leaves blue, which accurately says that “the other colours lie”. So now that we know blue is true, we have to solve its riddle, “what’s black and white and read all over”, and for those of you who still remember newspapers, that fits the description perfectly!

### **Puzzle 2: Toronto Star Newspaper Centre**

Answer: 027.742 B572

Solve the equations one by one to get each digit of a very long number, then put the catalogue computer (screenshot shown in second image) to use by going to [tpl.ca](http://tpl.ca)! The number represents a book’s ISBN, and by typing it into our catalogue search bar, you find the corresponding book title. Then by clicking the title, you can get the call number for the book, which is how we file our books on our shelves, cool huh?

### **Puzzle 3: Humanities & Social Sciences 2nd Floor**

Answer (format: A#B#C#D#E#F#): A4B6C3D2E5F1

This one tests your knowledge of popular book titles with a list of publication years, so match the titles to when they’re published and you’ve isolated the entry code you’ll need for your next challenge!

### **Puzzle 4: Languages Dept. 4th Floor Stacks**

Answer (format: stack # followed by direction R or L for Right or Left; no spaces): 1L2R3L4L

This puzzle can be very confusing because of all the rules involved. A good way to simplify it is to read the rules through once, and you can take another look at the diagram, and you’ll see

that your only option to start is by moving Stack 1 to the left (**1L**), since that's the only slot available, and you know from the rules that no other Stack's handle can move Stack 1.

By moving Stack 1, Rule A means that Stack 2 also moves 1 slot to the left since it's controlled by Stack 1's handle. So now, Stacks 1 & 2 are on the left side, and 3 & 4 are on the right, with the empty slot in the middle. Next step, you should move Stack 2 to the right (**2R**), because Rule E requires you to move each Stack at least once.

Next, we can move Stack 3 to the left (**3L**) because it'll also move Stack 2 and 4 in the same direction with it, so that leaves you with an empty slot on the far-right end. And to release the clue piece from between Stacks 3 & 4, you can finish by turning the Stack 4 handle to the **left (4L)** in order to move it **right** because of Rule D. So you complete the challenge with **1L2R3L4L**.

You may ask, "why can't I just move Stack 3 to the left and move Stack 4 and release the clue fragment that way?". But remember Rule E requires that each Stack's handle must be moved and that Stack must actually move positions when that happens. So that solution is missing a move by Stack 2's handle.

#### **Puzzle 5: Special Collections Centre 5th Floor - Maps**

Answer (no caps): vinyl record

This one requires some work to *piece* the puzzle together in your mind, but once you do it will spell out "vinyl record." Focusing on the circular edges of the globe illustration on the map will help you connect some pieces quicker, once you get a few pieces together, it gets easier to add to it. Using a pencil and paper to draw it out might also help!

#### **Puzzle 6: Special Collections Centre 5th Floor - Vinyl**

Answer (4 words): take care by drake

How can we not have a puzzle about Toronto's very own?!

Let's break this down by word:

steak emoji - s = take

c + air emoji - care

dr + (snake emoji - sn) = drake

#### **Puzzle 7: Special Collections Listening Station 5th Floor - Record Player**

Answer (1 word, singular): computer

The second part of each rhyme gives you clues about the answer. Those words are: mouse, shortcut, screen, network, cable. What has all those things in common? A computer!

The line “Make sure the rhyme does all the work” is your hint to pay attention to the rhyme.

**Puzzle 8: Arts Dept 5th Floor**

Answer (one word): checkmate

There are plenty of typos in this script, your job is to find which words were spelled wrong, and then figure out which letter would make it correct, if you write down all these correct letters as you read through the script in that order, you get the word “checkmate”.