

Puzzle Ideas

1. Abacus - arrange a picture as you move beads around? Beads with letters on them.
 - a. Doctor's office bead sliding toy thing
2. An excel/google sheet
3. Battleship game
4. Binary
5. Book pages - Use a book with highlighted words on pages, dogeared pages
 - a. Ottendorf Cipher (page number → paragraph → sentence → letter)
6. Bowling - knock down pins with info on them, get info once you knock them down
7. Braille
8. Chladni plate (have to match a design, the answer is the frequency)
(<http://americanhistory.si.edu/science/chladni.htm>)
9. Dichotomous Key https://oregonstate.edu/trees/dichotomous_key.html
10. Dogs. Have them? - use live animals in some way! this is so sad can we get dogs
11. Emoji/symbol matching
12. Encrypted Code Puzzles
 - a. Vigenere cipher
13. Find the differences
14. Fishing Rods - physical challenge of actually trying to fish things up from a kiddie pool. Story: getting litter out of pond
15. Flashlight and shadows, when you shine a flashlight on objects the shadow points to something or spells out something
16. File cabinet - Folder with files
17. Game of operation - massive human sized operation board in lemelson!
18. Start out with a certain number of gears of different sizes, have to connect the gears to make the entire board turn (<https://youtu.be/Hku9tQcg8ik?t=5m> ex. @ 5:00)
19. Give bunch of letters and spell out on board - refrigerator poetry
20. Hidden images/letters
21. Hide and seek
22. Invisible ink, or permanent ink under whiteboard marker have to erase to reveal answer. Homemade lemon juice hidden ink.
23. Jars filled with water to different levels, some sort of mallet, hit the jars to get different musical notes, and then need perfect pitch (or a tuner) to solve it, using only letters ABCDEFG.
24. Jenga - hint earning challenge? Put letters/symbols on jenga pieces?
25. Jigsaw puzzle
26. Keyboard - QWERTY keyboard, phone keypad, actual layout of the keys.
27. Lasers
 - a. Laser hallway (spy movie thing w/ ropes)
 - b. Lasers and mirrors
 - c. Smoke (chalk dust) and lasers
28. Mirrors, alter the angle of a laser beam/sunlight/smth, reverse an image
29. Prism (color splitting)
30. Laying pipes
31. Maze and Ball board
32. Microscope, need microscope to see small letters on page
33. Modify a foosball table
34. Morse code
35. One of those Quarts of Water puzzles (you have an X quart cup and a Y quart cup and have to make a Z quart cup)
36. scale/weights
 - a. Something with pebbles and weight
37. Origami
38. Periodic table of elements

39. Perspective puzzle
 - a. Tiles on the floor reveal something when looked at from a higher view
 - b. Something "The Witness" inspired? Set up a series of objects beforehand that show a pattern when viewed from the proper angle, maybe have an iPad or sheet that lets people then put in the answer.
40. pH strips dipped into different jars of liquid, they turn colors, use the colors for something
41. Picture of a room where furniture is different, need to move furniture the match picture to reveal answer
42. Playing cards
43. Tarot cards
44. Polymer balls being invisible in water
<https://i.ytimg.com/vi/BTFqE445a9E/maxresdefault.jpg>
45. Punnett Square https://en.wikipedia.org/wiki/Punnett_square
46. Puzzle puns (When a mother says call me, her son dials)
47. Puzzle using Astrology? Look at a newspaper to get notes/hints
48. QR codes
49. Radio and frequencies, have to tune to a frequency to hear a message
50. Redshift - put a translucent red film over an object with red all over it to reveal non-red writing/symbols.
51. Riddle Bet on NPC Fight (One gives riddle as to who will win, their backstory/skills, then a staged 'fight' happens after the player bets.)
52. River crossing (farmer/chicken/fox)
53. Rube Goldberg machine/chain reaction
54. Running messages - you are the messenger between two parties
55. Scavenger hunt as puzzle
56. Semaphore
<https://flagexpressions.files.wordpress.com/2010/03/semaphore-flag-codes3.jpg>
57. Shadow Puzzles (a la The Witness)
https://assets.vg247.com/current//2016/01/the_witness_shady_trees_2.jpg
58. Sign Language
59. Sliding tiles
60. Small scale circuitry
61. Some sort of board figuring a 3D map, with little buildings to place following instructions -> once they're all placed, a code is displayed
62. Something involving chalk / paint on a blacktop (weather dependent but aesthetically pleasing)
63. Sorting out a mixture - separating out objects to get info. Sifting. Oil and water?
64. Star chart - navigational values (e.g. north star), names of constellations
65. String puzzle
66. Sudoku
67. Tags on things for people to interact with
68. Trivia
69. Use 3D glasses
70. Use old newspaper articles? For theme? Or maybe make "old" ones? With puzzles in them?
71. Using forest space
72. Using recyclables as pieces
73. UV lights
74. Vending machine, find a coin and use it to get message in vending machine
75. Wood Puzzle
 - a. Tactile jigsaw puzzle (no pictures)
76. The entire game of Takeshi's Challenge on Famicom

Hint Games:

- 77. Hints from pachinko? Plinko.
- 78. Jenga

General hunt notes:

- Determine if a puzzle can use the internet or not
- Give them all scrap paper to use throughout the hunt
- Determine which puzzles need supervision
- Time sheet for students to volunteer to help with puzzle