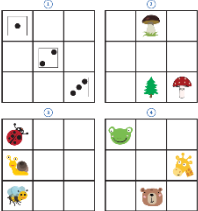

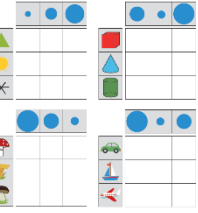
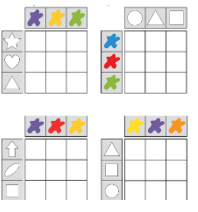
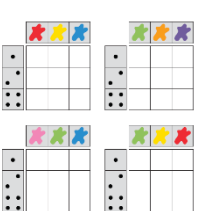
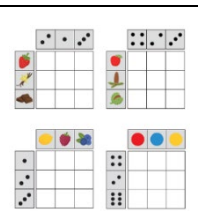
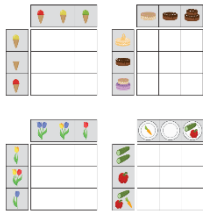
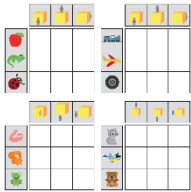
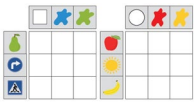
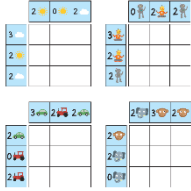
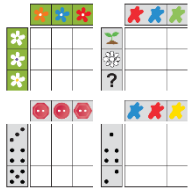


|    | Name  | Sorted by difficulty  | Opportunities for development in terms of digital and mathematical literacy <ul style="list-style-type: none"> <li>working with information</li> <li>working with spreadsheet</li> </ul>   |
|----|---|---|--|
| 1. | SUDOKU 3x3<br>- dots<br>- mushrooms<br>- ladybug<br>- animals   |    | <ul style="list-style-type: none"> <li>learning new concepts: column, row</li> <li>developing logical thinking</li> </ul>  |
| 2. | AXIAL SYMMETRY<br>- spring (Easter hare)<br>- summer (butterfly)<br>- autumn (tree)<br>- winter (snowman) |    | <ul style="list-style-type: none"> <li>sorting the necessary information</li> <li>axis symmetry</li> <li>orientation in a square grid plane</li> <li>dividing the problem into smaller parts (decomposition)</li> </ul>  |
| 3. | SIZES<br>- shapes<br>- bodies<br>- mushrooms<br>- transport   |   | <ul style="list-style-type: none"> <li>development of combinatorics</li> <li>quantitative ordering of elements (greater than, less than)</li> <li>sorting of information</li> </ul>  |
| 4. | COMBINATORICS I<br>- colors<br>- shapes<br>- abstraction I<br>- abstraction II                            |  | <ul style="list-style-type: none"> <li>development of combinatorics</li> <li>ordering and sorting according to a specific rule</li> <li>recognition of the same shape or character</li> <li>generalization of concepts (abstraction)</li> </ul>                            |
| 5. | PROBLEM-SOLVING PRINCIPLE<br>- balloons   |  | <ul style="list-style-type: none"> <li>combinatorial skills</li> <li>recognizing relationships and exploring data</li> <li>finding the essential and distinguishing it from the less critical (abstraction)</li> <li>learning the principles of problem-solving</li> </ul> |
| 6. | COMBINATORICS II<br>- flavors I<br>- flavors II<br>- balloons<br>- dots                                   |  | <ul style="list-style-type: none"> <li>combinatorial skills</li> <li>recognizing relationships and exploring data</li> <li>learning from personal experience</li> </ul>  |

|     |  |   |   |
|-----|--|---|---|
| 7.  | <b>COMBINATORICS III</b><br>- ice creams<br>- cakes<br>- tulips<br>- plates          |    | <ul style="list-style-type: none"> <li>recognizing relationships</li> <li>the concept of quantity</li> <li>understanding the number 0 in practice</li> <li>development of combinatorics</li> </ul>  |
| 8.  | <b>SPATIAL TASKS</b><br>- in front of, behind, on<br>- in front of, next to, in, on  |    | <ul style="list-style-type: none"> <li>linking reading, math, and digital literacy</li> <li>understanding spatial concepts (below, above, in the middle, behind, under, above, by, next to, between, to the right of, to the left of, etc.) in space and the spreadsheet</li> </ul> |
| 9.  | <b>TRUE &amp; FALSE</b><br>- apple<br>- water  |    | <ul style="list-style-type: none"> <li>critical thinking</li> <li>argumentation</li> <li>problem identification and solution options</li> <li>logical organization of data</li> </ul>   |
| 10. | <b>LOGICAL THINKING</b><br>- clouds<br>- robots<br>- transportation<br>- animals     |  | <ul style="list-style-type: none"> <li>mastering the principles of problem-solving</li> <li>revealing essential features, differences, and interrelationships between them</li> <li>understanding the number 0 in practice</li> </ul>   |
| 11. | <b>FINAL EXERCISE</b><br>- flowers<br>- fill in the blank<br>- buttons<br>- balloons |  | <ul style="list-style-type: none"> <li>pattern recognition – finding similarities between problems</li> <li>combination skills</li> <li>comparing, ordering, and sorting according to a specific rule</li> <li>practicing the problem-solving processes</li> </ul>                  |