

FILL IN NUMBER GRID PUZZLE

Level	0 (Age group 4 – 5)
Resources Required	Number Grids (with missing numbers)
Alternate Options for the Resources	Adults are to make the grid from 1-50 by following the steps below: <ol style="list-style-type: none"> 1. Using a piece of paper, draw a 10x5 grid (10 boxes per row, 5 columns) 2. Draw 10 boxes along the top 3. Directly under these 10 boxes, draw another set of 10 boxes 4. Repeat this for 5 more sets (until 50 boxes are drawn) 5. Fill out 7 numbers on the entire grid and assign 30 boxes that require filling out (shown in the image below)
Strand Covered	Numbers and Operations
Targeted Skills	Counting from 1-100
Inspired by	Helping With Math
Time Required	Set up time 10 minutes Game time 20 minutes
Previous Learning Required	Numbers from 1-100 Counting forward and backward
Support Required	Medium support (to make grids)

Rules of the Game:

Goal	Fill in the empty squares correctly, the fastest to complete the grid wins the game
Rules	Each player participating in a round must have the same grid
Steps	<p>Step 1: Make the same grid for each participant.</p> <p>Step 2: Ensure every player participating in a round has the same grid and numbers</p> <p>Step 3: In order to fill the grid in, the players need to recognize the pattern and deduce which numbers need filling in. For example, in a 10x5 grid from 1-50, the numbers are increasing by 1 each time.</p> <p>Step 4: The players begin filling in the grid at the same time and the first player to complete the grid correctly wins.</p>
Images or Illustrations	Example 10x5 grid with numbers missing:

	<p>Name _____ Date _____</p> <table border="1" data-bbox="475 226 847 456"> <tbody> <tr><td>1</td><td>2</td><td>3</td><td></td><td>5</td><td>6</td><td></td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td></td><td>14</td><td>15</td><td></td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td></td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td></td><td>29</td><td>30</td></tr> <tr><td>31</td><td>32</td><td>33</td><td></td><td>35</td><td>36</td><td>37</td><td>38</td><td></td><td>40</td></tr> <tr><td>41</td><td>42</td><td></td><td>44</td><td>45</td><td></td><td>47</td><td>48</td><td>49</td><td>50</td></tr> </tbody> </table> <p style="text-align: center;"><small>www.epishedfan.com</small></p> <p>Name _____ Date _____</p> <table border="1" data-bbox="475 566 847 797"> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td>17</td><td></td><td>19</td><td></td></tr> <tr><td>21</td><td></td><td></td><td></td><td></td><td>26</td><td></td><td></td><td>29</td><td></td></tr> <tr><td>31</td><td></td><td>33</td><td></td><td></td><td></td><td></td><td></td><td></td><td>40</td></tr> <tr><td></td><td>42</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>49</td></tr> </tbody> </table> <p style="text-align: center;"><small>www.epishedfan.com</small></p>	1	2	3		5	6		8	9	10	11	12		14	15		17	18	19	20	21		23	24	25	26	27		29	30	31	32	33		35	36	37	38		40	41	42		44	45		47	48	49	50	1									10	11						17		19		21					26			29		31		33							40		42								49
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Variations of the Game	The grid can be made so that the numbers increase in increments of 2,3,4,5 or 10. This would require the ability to increase by or count by skipping 2,3,4,5 or 10																																																																																																				
Enrichment	Instead of a hundreds chart, use a chart with different numbers i.e. even numbers, odd numbers skip counting,..... etc.																																																																																																				
Simplification	Have more squares already filled in. For example, instead of having 7 squares filled in at the start, have 15 numbers filled in and have 40 incomplete.																																																																																																				