

## SCROLLING HUNDRED BOARD

### Finding multiples to 100:

- Print and hand out the hundred boards worksheets attached to students.
- Have the students cross out multiples on their worksheet as you highlight them on-screen on the Scrolling Hundred Board app. (See sheet at end of file.)

- Select 1 to start the hundred board.



- Click the Options button.  
Select the **even** numbers (2x) from the pop-out panel.



**Pop-out panel:**  
select to highlight multiples

- Click a  
Select  
selecti

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- Circle

1	2	3
11	12	13



- Select the pointer 
- Then click on the hide tool. 
- Hide every multiple of 2 that is highlighted EXCEPT the circled 2.

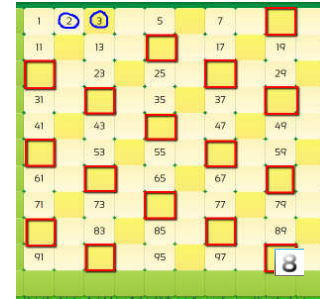
1	2	3	5	7	9
11	13	15	17	19	
21	23	25	27	29	
31	33	35	37	39	
41	43	45	47	49	
51	53	55	57	59	
61	63	65	67	69	
71	73	75	77	79	
81	83	85	87	89	
91	93	95	97	99	

SCROLLING HUNDRED BOARD

- Click the options button, select "3x". Circle the "3" using the pen again.



- Select the pointer 
- Then select the Hide tool  and click to hide all the multiples of 3.
- N.B.** The *hide* function acts as a toggle: if you click a cell with a hidden numeral, it will show it again.



- Repeat

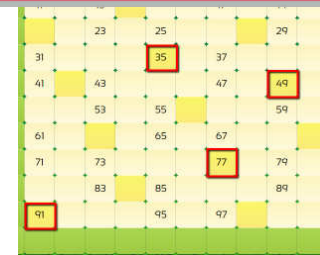


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- Repeat steps for multiples of 7:

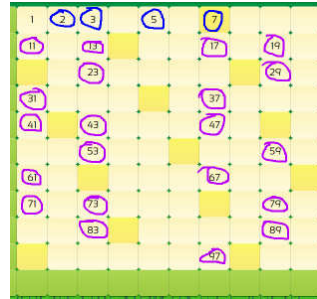


- Ask the students "thinking questions" as you go:
  - \* "Why are all the multiples of 4 already crossed out?"
  - \* "What about the multiples of 6, 8, 9 and 10?"

SCROLLING HUNDRED BOARD

Identifying the prime numbers:

- With a purple pen, circle those that are still visible (not hidden):



- Ask students, "What do you know about them?" "Why are they still showing?" "Why are they different?"

- Explain
- They are
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Challenge o

- "Why do we not need to multiples beyond 10x on a hundred grid?"
- Look at the prime numbers with odd numbers highlighted.

Why are all the prime numbers except 2 also odd numbers?

