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.

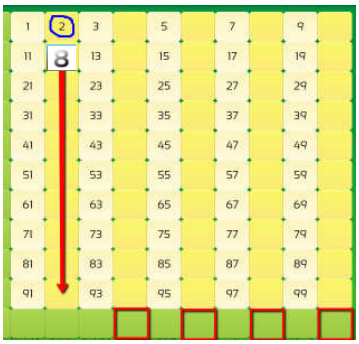
- Click the Options button.
  Select the **even** numbers (2x) from the pop-out panel.

Pop-out panel: select to highlight multiples

- Click a
  Select
  selecti

- Circle

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



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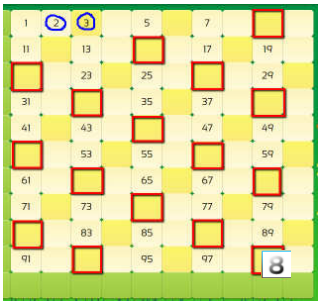
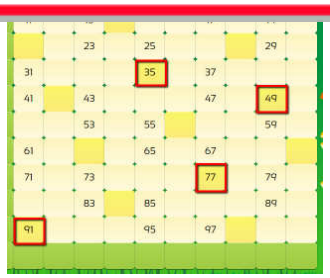
- Click the options button, select “3x”. Circle the “3” using the pen again.

- 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.



- Repea

- Repeat steps for multiples of 7:

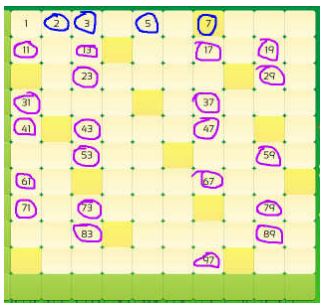


- Ask the students “thinking questions” as you go:
  - “Why are all the multiples of 4 already crossed out?”
  - “What about the multiples of 6, 8, 9 and 10?

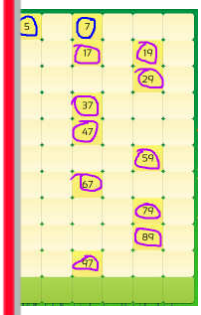
SCROLLING HUNDRED BOARD

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?"
- Explai elf.
- They a
- Use th prime highlig
- Point factor.
- Discus would and 0



Challenge c

- "Why do we not need to mutliples 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?