

Noticing and Wondering

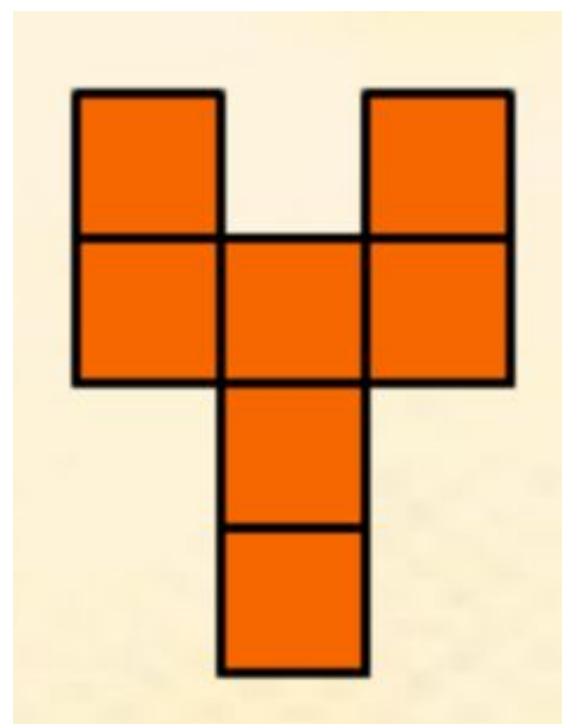
#TMCNYC16
#NoticeWonder

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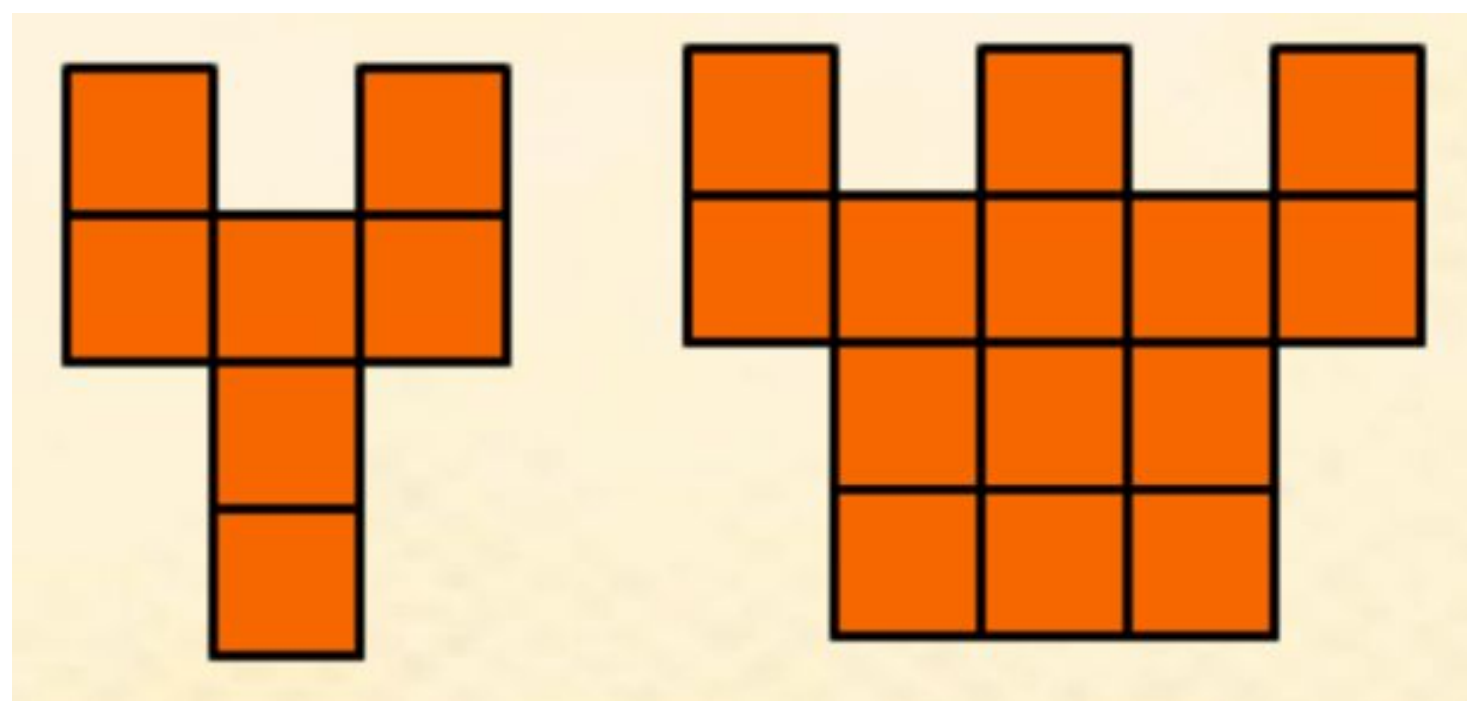
Overview

1. Noticing and Wondering
 - What Did You See? (3x)
 - I Notice, I Wonder
 - Think/Pair/Share
2. Talking About Noticing and Wondering
3. Designing Notice and Wonder Prompts
4. Practicing Notice and Wonder Routines
5. Notice and Wonder Feedback



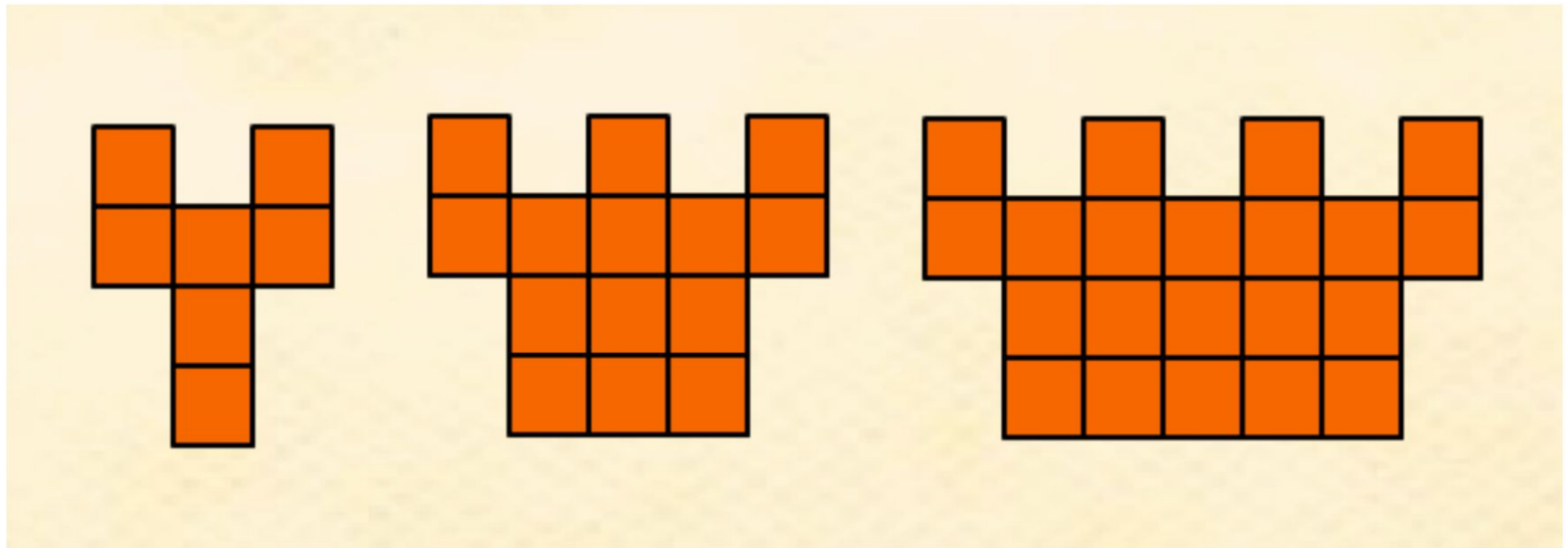
What Did You See?





What Did You See?





What Did You See?



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I Notice

I Wonder



Stationary Gallery Walk

Round 1: What do you *wonder*? Write a **question** for another student.

Round 2: What has to do with *math*? **Star** any that have to do with math.

Round 3: What gets you *thinking*? **Underline** something unique, interesting, or thought-provoking.

Getting Better at *Noticing* & *Wondering*

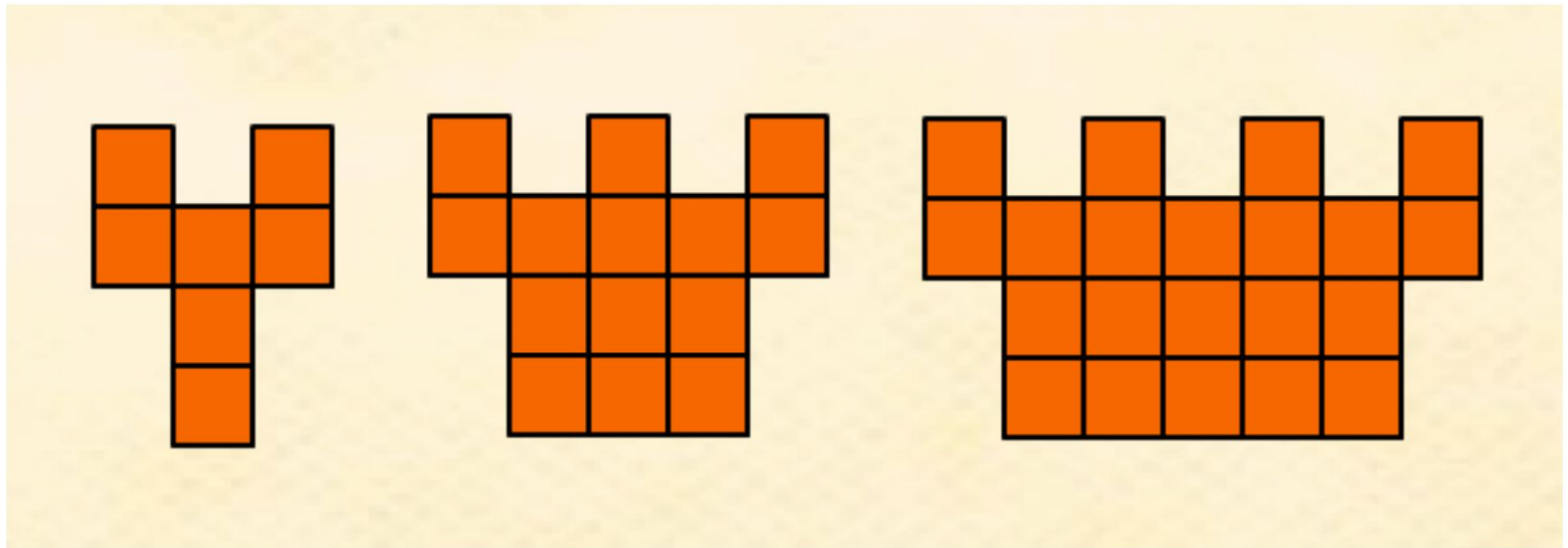
“We are proud of how

we_____

”

_____•

“We could do an even better job next
time by



Stationary Gallery Walk

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Stationary Gallery Walk

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Round 2: What has to do with *math*?
* **Star** * any that have to do with math.

Round 3: What has to do with *change*?
Underline something that has to do with change, patterns, growth, etc.

Getting Better at Noticing & Wondering

“I am proud of how I _____

_____”

“I could do an even better job next time by

_____”



I Notice, I Wonder Routines

- What do you **notice**? vs What do you **see**? vs What do you **hear**?
- One prompt vs slow reveal
- Oral vs written
- Whole group vs individual vs small group/pair
- Where does this come in the lesson?

Creating a Prompt & Routine

1. Pick a partner.
2. Pick a context/starting point.
3. Create a prompt for noticing and wondering.
4. Decide on the aspects of the routine
 - Notice/See/Hear?
 - Slow reveal or all at once?
 - Oral or written?
 - Groups?
 - Where does this come in the lesson?

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I Notice, I Wonder Feedback

After you experience a Notice and Wonder routine, share:

- Something you **noticed and valued** about their design
- Something you are **wondering** based on their design

Final noticings or wonderings?



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