

Notice and Wonder

A lesson from the schoolyard

A Sense-Making Strategy

“Notice and wonder” is a teaching strategy that engages active thinking in students by allowing them to use their own observations—and those of their classmates— as an entry into the problem space.

“Students look at some type of phenomenon. They jot down what they see—that's the 'notice' part. Then, they write down the questions popping into their heads—that's the 'wonder' part.” -SadlerScience.com

Let's give it a try...



Observe



Cathal McNaughton/Reuters

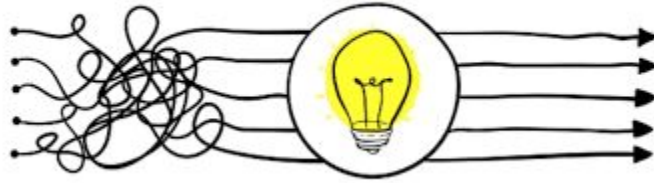
Write down one thing that you notice in the picture, and a question that it raises

WHAT I <i>notice</i>	WHAT I <i>wonder</i>

Wrap-up

“Wonder, in an organizational context,
is about having a beginner's mind.” -Sesil Pir.

Using techniques like Notice and Wonder can help us to shake new ideas loose and challenge assumptions.



Next time you're stuck on a tough problem, it might be worth taking a moment to “notice and wonder.”

Resources:

“Wonder In The Workplace: How Curiosity Can Prepare Us For The Future Of Work,” Sesil Pir, Forbes,

<https://www.forbes.com/sites/sesilpir/2019/04/29/wonder-in-the-workplace-how-curiosity-can-prepare-us-for-the-future-of-work/?sh=1b1a31fc7771>

“Noticing and Wondering: Empowerment in Learning,” Trena Wilkerson, National Council of Teachers of Mathematics,

<https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Noticing-and-Wondering-Empowerment-in-Learning/>

“3 Easy Ways to Use ‘Notice and Wonder’ in Science,” Erin Sadler, Sadler Science,

<https://sadlerscience.com/notice-and-wonder/#:~:text='Notice%20and%20Wonder'%20is%20an,that's%20the%20'wonder'%20part.>

“40 Intriguing Photos to Make Students Think,” Michael Gonchar, The New York Times,

<https://www.nytimes.com/2016/09/22/learning/40-intriguing-photos-to-make-students-think.html>