

Considerations for FreshGrade Posts

Authentic Evidence

Artifacts of learning, photos, videos and audio.

Descriptive Feedback

A description of learning progress related to the Learning Target. Includes a statement that may be made based on a performance scale or with anecdotal comment. The language is positive and strength-based.

Parent / Community Voice

Connections are made between a student's home/community in relation to Learning Targets. Feedback is positive.

I can explain and justify why variables with zero exponents = 1 in multiple ways.

DOCUMENTATION

- Communication
- Math
- Exponents
- Critical Thinking
- with Guided Support



Student

Often in math class I have heard "math rules" but have never questioned them. I am glad we had a chance to explore why any number raised to the power of 0 equals 1 rather than just taking it as a fact. This really clicked with me.

As you can see in my whiteboard response I was able to use one of the exponent laws we learned earlier this week (quotient law I think!?!?) to prove why 6 raised to the power of 0 equals 1.

In the second method, with a bit of help ;), I was able to see how exponent patterns show why any number raised to the power of 0 equals 1.



Teacher

Ryan, first of all, your use of hashtags was not only entertaining but an accurate assessment of your understanding and growth. "#communication" really speaks to how far you've come this past semester. In less than two months you've really bought in to the importance of not only understanding math but also the value in communicating your understanding. As you said, "igotthis."

As we move forwards I encourage you to continue to question the "why" behind everything you do in math class and beyond. This is really a strength of yours. As a next step, I would suggest that you look for patterns in this unit and beyond in mathematics. Patterns are everywhere and the more you look for them the more you'll notice them!



Parent

Ryan, from an early age you always asked a lot of questions and I am glad to see your inquisitiveness is alive and well. I am proud of the growth that you are showing in math class.

Learning Target

Clear and concise learning destination is described including content and competency. Written in student friendly language

Student Voice

Student shares their thinking and reflects on their learning in relation to Learning Target. Student may choose to collect evidence, ask questions, or articulate next

Next Steps

Teacher offers next steps for student to continue growth in relation to Learning Target.