Decolonization and Equity in Math Learning Spaces

non-discrimination

Respecting everyone and taking pride in who you are...

Consulting with learners to identify and break down barriers to learning

Fair marking practices, providing the right accommodation

Treating everyone fairly.

What does Equity and Inclusion mean to you personally?

awareness of diverse learners

try to include every one in the chat!

What do these terms mean to you in your educative practice?

Providing multiple means for learning

space for everyone :)

personalized

Equal opportunities

All of these would help our students

individualized

Creating a space where everyone feels welcome

RN

To make sure all my teaching and resources addresses different learning abilities and disabilities inclusively .Equity and Inclusion should be embedded by default into the teachings.

Creating a safe learning environment

What is Mathematics?

Reasoning

means of counting and/or measuring

The science of numbers :D

our mathematics presents the rhythms of the planet and the patterns that are repeated in all forms and at all levels of life. It does not reduce the universe, but places us in conversation with it, hinting at the complex orders and tangled relationships that inevitably exceed our attempts to understand and surpass our efforts to control. Conversely, our mathematics also presents us... in these harmonies, enacting not the modernist separation, alienation, and exile from the natural world, but an attunement to the pulse of the planet. (Brent Davis)

Connections

numbers

Beautiful, Art, Science

It is the way of thinking.

Maths! :p

It is art.

It is philosophy.

Science of numbers

a language to describe all : nature, space ...

A method for communicating logic, patterns, and relationships, etc.

The language we use to explain the world around us

A way to identify patterns, relationships, and provide ways of determining objective information.

BEDMAS/ PEMDAS/ BODMAS

evolving

It is about logic

Language of Science

Beauty

It is SCITAMEHTAM backwards...

Relationships

A language that describes the chaos in the universe :)

quantitative concepts

unbiased information

universal language

The explanation of why the world goes round. :)

I'm the only one that doesn't understand

That they are stupid because they can't do it

<this!

The word "ALL" is inclusive... it may motivate the weaker students to try as well.

They may think they are the only one who does not understand

^also this!

Assuming no barrier.

The professor is assuming they all see the problem the same way: "Easy"

It is encouragement!

The instructor is smart, tthey are not

"See it's easy, you can all do it."
- What various interpretations can a student take away from such a comment from their instructor?
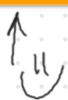- What assumptions is the instructor making about the students?

That the professor has confidence in our ability

The instructor is assuming they all work at his level of intellect.

Agree, students think they are stupid if they can't do this.

This affects their self-confidence not just in the math environment

true

the purpose of saying this is to encourage the students

Students need to practice and experience the "pen to paper" phenomenon

Creates discomfort from students who don't find the process easy. Assumption from the instructor's perspective is that it should be easy for everyone, which is not necessarily the case.

first students to answer questions in the chat, may be those with fastest internet speed

BEDMAS (Canadian only)

it shouldn't exist! :)

Well yes, also very very true....

This->

long division

North American

rather than

?

many other cultures

Thanks! :)

Or this

Requiring students to show work a certain way

moving fast; accepting answers from fast students forgetting that there are students who can't follow

Can you give another example of hidden curriculum which interrupts/has interrupted equity in the classroom? How does it relate to a colonized view?

prerequisite courses and/or admission requirements (oops initially read as "interpreted equity")

When talking about paying HST tax, and indicating that everyone pays the same amount. :)

Showing the steps instead of the final answer!

Wording 3 times 5 instead of 3 by 5

Access to sufficient technology to perform mathematics to the expectation of the instructor