### Awakening Wonder that Leads to Worship in Math

Tori Hickok

Find one or two people as your discussion partners. Introduce yourselves, if necessary.

DVai+B! = X WY

Pick up a handout and a pencil for some math fun!

What is your<br/>favorite<br/>number?243737

<u>x 6</u>

222

<u>x 3</u>

12626 C/ 6 37 <u>x 9</u> 333

37 x 3 = 111 37 x 6 = 222  $37 \times 9 = 333$  $37 \times 12 = 444$ 37 x 15 = 555 37 x 18 = 666 37 x 21 = 777 37 x 24 = 888 37 x 27 = 999 37 x 30 = ?









#### Awakening Wonder that leads to Worship in Math

- •Raise wonder in our hearts: joy & curiosity
- •Worship God because of math
- •Plant seeds of ideas with 5 philosophical principles.



### God's character is reflected in math.

22

•Transcendence and Immanence



We are not dealing with something totally irrational, unaccountable, and unanalyzable, but with lawfulness that in some sense is accessible to human understanding. **Vern Poythress** 

## God's character is reflected in math.

- •Transcendence and Immanence
- Consistency

All of this is so natural that we are accustomed to taking it for granted. But we can thank God for it. God made it so. Because God is stable, faithful, and consistent with Himself, the numbers are stable, and the relations of unity and diversity are stable.

#### Vern Poythress

64 + X8-

## God's character is reflected in math.

- •Transcendence and Immanence
- Consistency
- Beauty in Simplicity



 $D(\mathbf{x}) = 0$ 

22

-D X

9 x 1 = 09 9 x 2 = 18 9 x 3 = 27 9 x 4 = 36  $9 \times 5 = 45$  $9 \times 6 = 54$ 9 x 7 = 63 9 x 8 = 72  $9 \times 9 = 81$ 9 x 10 = 90 22

XC

## God's character is reflected in math.

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#### We are math-capable, image bearers.

22

•We are the only species who can do math.

God's creation is replete with both numerical and spatial relationships. It is the duty of man, as a dominion bearer to observe this reality and classify it for use...free to choose a name for it-free to create names that aptly describe its characteristics. James Nickel

#### We are math-capable, image bearers.

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•We are the only species who can do math.

•We are developmentally designed to understand more and more.

#### Math is how we understand the world around us.

22

•The Grammar of math is more than facts.

It is impossible to explain honestly the beauties of the laws of nature in a way that people can feel, without their having some deep understanding of mathematics. I am sorry, but this seems to be the case. **Richard Feynman** 

#### Math is how we understand the world around us.

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•The Grammar of math is more than facts.

•Seeing further and deeper into math concepts

...we must grant it [Newton's classical mechanics] a considerable measure of "truth," since it supplies us with the actual motions of the heavenly bodies with a delicacy of detail little short of wonderful.

22

Albert Einstein

#### Math is how we understand the world around us.

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## Prayer and praise in the math classroom

12+31 =× WX

•Pray to God for help.

•Praise God for success.

# Celebrating with joy and seeing beauty

1/2'+3 = × mx

•Revel in the joy of math



### **Celebrating with joy and seeing beauty** 0, 1, 1, 2, 3, 5, 8,

12+21 =× 4×

13, 21, 34, 55, 89...

Fibonacci Sequence















![](_page_33_Picture_0.jpeg)

![](_page_34_Figure_0.jpeg)

![](_page_35_Picture_0.jpeg)

![](_page_36_Picture_0.jpeg)

Man's pursuit of mathematics is to be an act of worship to God, the only autonomous one.

James Nickel

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