

— *Faith*
&
Science

Diocese of San Diego
Parish Middle School Training

Master Catechists:
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GENESIS 1:1-5



Shooting Stars!

Disclaimer:

We are not real doctors nor scientists!

Good News: *Catechists don't need to be doctors nor scientists by profession in order to execute this program in our classrooms with the kids!*

The ideas presented today are just a few of many! You do NOT have to use them. YOUR creativity, experience and the Holy Spirit will provide YOU with many more fun ideas that will help our kids understand and live the message that God Does Exist!

The 7 Essential Modules



Note: The 7 Essential Modules are a subset of a 20-module program.

The Problem:

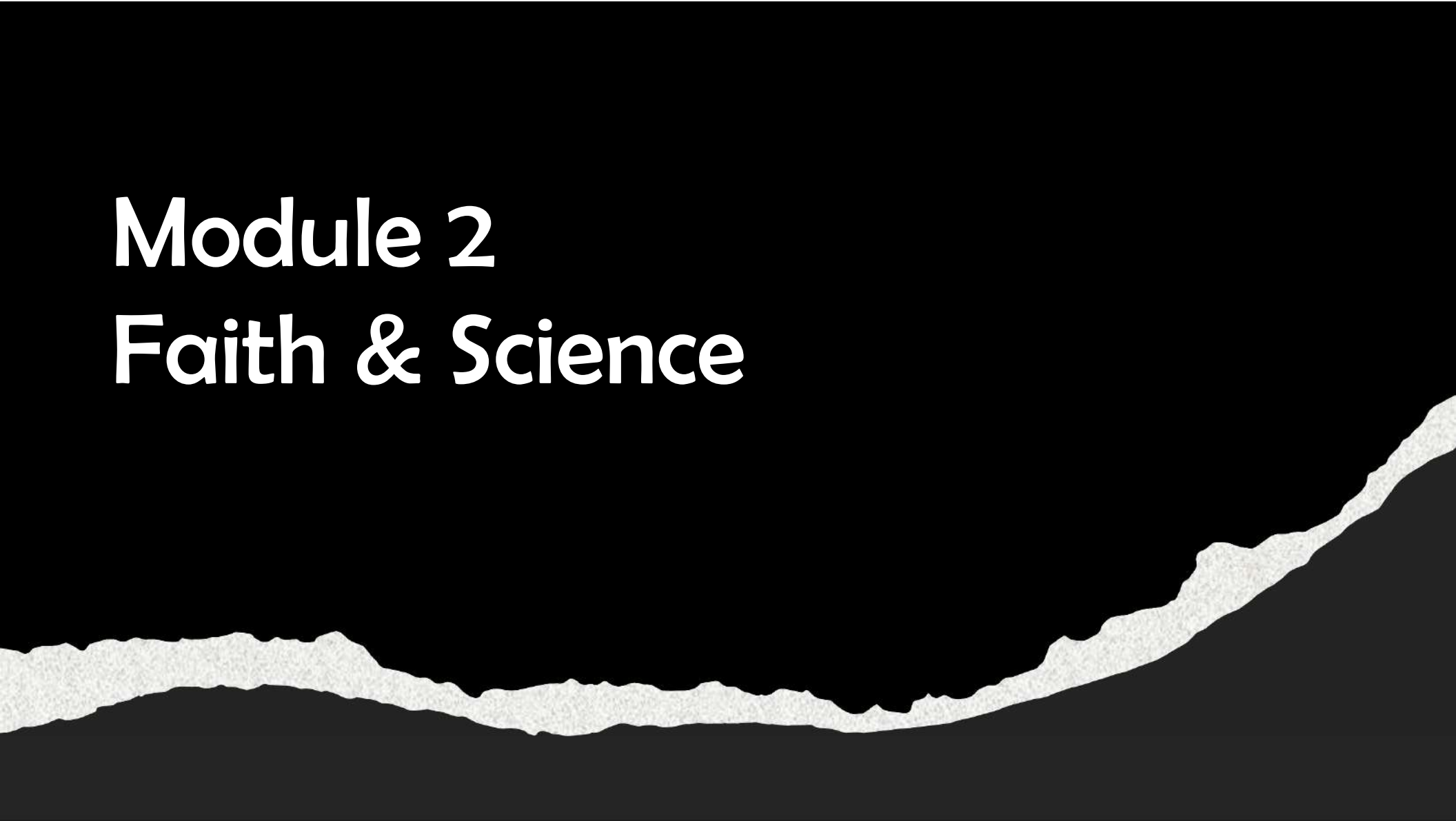
- **40%** of millennials have abandoned their faith to unbelief because four challenges/myths have not been adequately addressed.
 - Science and Faith are incompatible, and since science is true, it has replaced religion.
 - Human beings are like every other animal – merely a complex of atoms and molecules. We have no soul, no eternal destiny, and no transcendent nature. When we die, we die.
 - There is no explanation for why an all-loving God would allow suffering. Therefore, suffering is fundamentally negative, and a loving God probably does not exist.
 - There is no evidence for Jesus as an historical figure, and therefore his resurrection or divinity. If Jesus did exist, he was just an interesting prophet, but not a Savior or the Son of God.



The decision to leave the faith starts in middle school... Let's be part of the Solution!

Module 2

Faith & Science



Module 2

Lesson Planning



Date: 07/31/21 (1hr 30 mins)	Grade/Area: 7 th /8 th graders
Topic/Theme: Scientific Evidence of God's Existence	
Text/Handout Pages: 1) Credible Catholic - Module 2 Student Workbook, 2) Activity Sheet (in Student workbook), 3) Reflection journal	
Aim/Objective: Provide scientific proof that our universe requires an Intelligent Creator in order to exist.	
New Terms/Concepts: Big Bang Theory, Entropy, BVG Proof, Fine Tuning, Constants	
Opening Prayer/Prayer Experience: (5 min) Prayer from Mod 2 Presentation	
Life Experience –How you will introduce the topic and tap into the life experience of the learners: (10 min)	
<ul style="list-style-type: none"> • Read Genesis 1: 1-5 • Brainstorm: What do you see around you that God created? What is your favorite creation? How do you imagine God “creating”? Have you ever used a telescope to see the sky and stars? How do you think God created that splendor? What does science say about this? Does our faith reject Science? Have you ever seen shooting stars? 	

Presentation of the Faith – How you will teach the lesson – Include methods, Activities, questions, visuals: (60 min)
Start Module 2 videos.
Unit 1–Use questions from Life experience or Mod 2 slides
Unit 2–Balloon activity &/or rubber band activity/contest
Unit 3–The Hiss – echo of the Big Bang Planck View
Unit 4–Creator? 4 anti-big bang vs BVG proof & entropy, nothing
Unit 5–summarize conclusions & Kalam (wind toy) – make cones
Unit 6–Entropy (beginning) odds of a creator and fine-tuning
Unit 7–Constants, lock contest, 3 options, Design Ps 19:1-2
Unit 8–Universe caused by an intelligent creative force beyond physical reality – GOD!
Faith Response – How you will encourage a response (15 min) Activity/Journal reflection –What did you learn about Faith and Science? What would you say to God about his creation? How would you explain this to your friends?
Materials Needed Include audio-visuals, supplies, environment: science book, scientist book, posters, (activity material), lab coat, toy, rulers, rubber bands, balloons, sharpies, etc.
Assignment: Assessment worksheet for homework.

Module 2

Scientific Evidence of God's Existence

Materials*

Version	Videos & PowerPoint	Student Workbook	Presenter/ Teacher Guide	Little Book (English only)	Big Book (English only)
12+ through Adult (English)	Yes	<ol style="list-style-type: none"> 1. Presentation 2. Activity sheet 	<ol style="list-style-type: none"> 1. Presentation 2. Activity sheet 3. Assessment & answer key 4. Survey 	Yes	Yes
15+ through Adult (English)	Yes	<ol style="list-style-type: none"> 1. Presentation 2. Activity sheet 3. Comprehension questions 	<ol style="list-style-type: none"> 1. Presentation 2. Activity sheet 3. Assessment & answer key 4. Survey 	Yes	Yes
12+ through Adult (Spanish)	Video – yes PowerPoint - no	N/A	N/A	N/A	N/A

Website: <https://www.crediblecatholic.com/free-resources/>

Opening and Closing prayers included with each module

* Explore membership benefits (articles, videos, etc,)

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The 7 Essential Modules

These are the 7 Essential Modules Fr. Spitzer prepared for middle and high school classrooms. A beta test survey at a California HS (2017) showed 97% of the students stated, the 7 Essential Modules improved, or greatly improved, their faith. A 2020 beta test showed the same statistics.

Modules ▾

en Español >>

Online Student Course >>

Books >>

Ages 12+

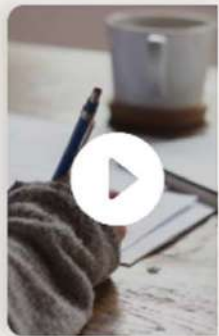
Ages 15+

Home Learning

Ages 12+

Ages 15+

Home Learning



Videos

12+



PowerPoint Presentations

12+



Student Workbooks

12+



Presenter's Guides

12+



Please contact Susan Medart at susan@magiscenter.com for access to the Presenter's Guides.

En Español

Módulo 1

Evidencia del alma a partir de estudios médicos

REPRODUCIR

Módulo 2

Evidencia de la existencia de Dios a partir de la ciencia

REPRODUCIR

Módulo 3

Prueba de la existencia de Dios a través de la filosofía

REPRODUCIR

Módulo 4

Evidencia sobre la resurrección y divinidad de Jesús

REPRODUCIR

Módulo 5

¿Por qué ser Católico?

REPRODUCIR

Módulo 6

La Felicidad Verdadera

REPRODUCIR

Módulo 7

¿Por qué un Dios amoroso permite el sufrimiento?

REPRODUCIR

Ages 12+

Ages 15+

Home Learning



Videos

15+



PowerPoint Presentations

15+



Student Workbooks

15+



Presenter's Guides

15+

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12+ Videos

Module 2
Evidence of God's Existence from
Science

PLAY VIDEOS	^
UNIT 1 - Introduction	
UNIT 2 - Expansion of The Universe	
UNIT 3 - Evidence of The Big Bang	
UNIT 4 - Is The Universe Created?	
UNIT 5 - Kalam Cosmological Argument	
UNIT 6 - Evidence of A Creator	
UNIT 7 - Fine-Tuning of The Universe	
UNIT 8 - Concluding Summary	

15+ Videos

Module 2
Evidence of God's Existence from
Science

PLAY VIDEOS	^
UNIT 1 - Introduction	
UNIT 2 - The Expansion of the Universe	
UNIT 3 - The Beginning of the Universe	
UNIT 4 - The Fine-Tuning of the Universe & Conclusion	

Module 2
**Scientific Evidence
of God's Existence**
Video Breakdown

12+ English	15+ English	12+ Spanish
Unit 1 – 3:48	Unit 1 – 04:33	75 pages 36:30 (range between 3min to 6min/page)
Unit 2 – 5:59	Unit 2 – 10:33	
Unit 3 – 2:30	Unit 3 – 09:11	
Unit 4 – 4:59	Unit 4 – 14:56	
Unit 5 – 4:51		
Unit 6 – 4:58		
Unit 7 – 6:35		
Unit 8 – 0:52		

12+ Spanish



Module 2

Scientific Evidence of God's Existence

Some Scheduling Options (Magis Center)

Section	60 Mins	75 Mins	90 Mins	105 Mins	120 Mins
Presentation Text	Yes	Yes	Yes	Yes	Yes
Discussion Questions	No	Yes	Yes	Yes	Yes
Videos	No	No	Yes	Yes	Yes
Activities	No	No	No	Yes	Yes
Assessment	No	No	No	No	Yes

Module 2

Objective and Key Points

Objective:


To provide evidence that our universe requires an Intelligent Creator in order to exist.

Topics:

1. The Big Bang (evidence for the expansion of the Universe leading to a “Beginning”)
2. The BVG Proof & Entropy (evidence for the beginning of the Universe)
3. The “fine-tuning” of the universe for life (evidence for a Creator)

Student Take Away:


- Catholics agrees that Faith and Science work together
- Our God is *the* Creator (He exists!)



Module 2

Tips & Lessons Learned

Beware: You may learn more than the students and strengthen your own faith!



Read and watch both 12+ and 15+ presentations



Read the teacher guide and both 12+ and 15+ student workbooks - leverage and adapt as needed



Keep a terminology card –What is that?!



Keep a list/picture of key personalities mentioned and their profession – Who's who?



Watch the relevant movies included in the videos



Keep information related to this program in one place and organized



Use the Student workbook, activity page and assessment page

1. Balloon experiment
2. Rubber band experiment
3. Galaxy art
4. Scientist dress up
5. Slime!
6. Glitter art!
7. Learning centers
8. Scavenger hunts
9. Interview scripts
10. Acrylic Pour art
11. Games (puzzles, contests, etc.)
12. Let the kids' creativity shine!

Module 2

Fun Ideas!

Research shows that people learn...

- 20% of what they hear
- 30% of what they see
- 50% of what they see and hear
- 70% of what they say
- 90% of what they do

Set the environment: science books, space posters, scientist pictures



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Let's Play!

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