



# DAY 1

## TO MARS AND BEYOND!

**POWER LAUNCHER:** *Go Beyond with Faith!*

**NO MATTER WHAT CIRCUMSTANCES WE FACE, WE CAN ALWAYS HAVE FAITH IN GOD TO HELP US IN AMAZING WAYS!**



## OPENING

Watch opening greeting by Commander Cade Baccus, Second in Command C'Lee, and EP3-20 on our website ([www.leanderumc.org/vbs/](http://www.leanderumc.org/vbs/))



## STORY

Daniel Trusts God in the Lions' Den (Daniel chapter 6)  
Watch the skit on our website ([www.leanderumc.org/vbs/](http://www.leanderumc.org/vbs/))



## CRAFT

### MAKE A ROBOT BANK

As you are decorating and assembling your bank talk with your Voyagers

- About ways that they can help others
- How helping is an expression of faith
- What helped Daniel had when he was in the lions' den?
- To what organization or to whom can you donate the change you collect?



**STEP 1:** Get out your Robot Bank and supplies to decorate it. Decorate your Robot Bank



**STEP 2:** Fold the sides together





**STEP 3:** Glue or tape the sides together.



**STEP 4:** Glue or tape the wheels onto your bank

**Step 5:** Collect change and donate it to a local food bank. We suggest Hill County Community Ministries. <http://www.hccm.org>



## SCIENCE

### MAKE FILM CANISTER ROCKETS

#### GATHER YOUR SUPPLIES:

- **From Jet Pack:** film canister, alka seltzer tablets, construction paper, markers
- **From home:** tape, warm water

You will want to do this outside.

#### OBSERVATION

**Say:** In our Bible story, Daniel was under a lot of pressure to give in to his enemies. In this experiment, we'll see how a lot of pressure can sometimes help us to "go beyond"

**Ask:** Have you every heard of the Scientific Method?

Review this with the children.

#### SCIENTIFIC METHOD

To Mars and Beyond science experiments lead Voyagers along the steps of the Scientific Method. These steps include:

1. **Observe:** What do you notice about the world around you?
2. **Ask a Question:** What will happen? How do the materials work together?
3. **Form a Hypothesis:** What do you predict will happen based on what you observe?
4. **Experiment!** Test your hypothesis.
5. **Analyze and Apply:** What happened? How does it apply to what we learned in the Bible story today?



Show the children your supplies.

**Ask:** Have you seen items like these before? What do you already know about them?

## QUESTION & HYPOTHESIS

**Say:** We're going to put one of these tablets into the canister with some water. What do you think will happen? Let's test it!

## EXPERIMENT

- Tape a quarter or half of an alka seltzer tablet to the inside lid of a film canister.
- Fill the canister about  $\frac{3}{4}$  full of warm water.
- Place lid on and find a stable "launch pad" such as a concrete patio, picnic table, etc. Turn the rocket over and stand back (make sure the lid is on tight and on the bottom). The carbon dioxide will fill the canister and launch it.

## GO BEYOND

You can repeat this many times and try different amounts of water, tablet, temperature of water, or vinegar instead of water. You can also use the construction paper to make fins and a cone for the rocket. Attach them with tape.

## ANALYZE & APPLY

*How Does it Work?*

The alka seltzer tablet and water produce a chemical reaction. Carbon dioxide gas is released and begins to build inside the canister. When the pressure is high enough, the film canister launches into the air. This is similar to how real rockets launch, but they use rocket fuel to create thrust.

## BIBLE TIE-IN!

**Say:** The pressure in our film canister rockets created a force that sent them flying! In our Bible story today, Daniel experienced a different kind of pressure – to stop worshipping God. Pressure like that can create different reactions in people. Some might give in to the pressure; others, like Daniel continue to "go beyond" and worship God no matter what! I wonder what you would do in Daniel's place?



## GAME

### PLANET FINDER

#### OBJECT

Voyagers will reinforce the days Power Launcher – Go beyond in Faith – by playing a trust game.

**Gather these supplies from around your home:**

- Blindfold (scarf or bandana works great)
- 8 objects to be 8 planets such as balls, pillows, rocks etc

#### SET UP:

Place the 8 objects spaced out around your yard or room. You can even label with the name of the planet.

**Say:** We have 8 planets in our solar system. Can you name any or them? They are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. (point to the planets that you have placed around). We're going to travel to all of these planets....but we'll have to listen and trust each other to get there.

#### LET'S PLAY!

Blindfold one Voyager. Have another Voyager give directions to the first planet. For example "Take two steps forward" or "Turn left" Once the Voyager arrives at the first planet, remove the blindfold so the Voyager can see which planet it is. Choose another Voyager to be blindfolded and another to give directions. Repeat until everyone has had a turn.



## BIBLE TIE-IN

**Ask:** What was it like to have to follow directions blindly? What was it like to be the one giving directions to someone else?

Have you ever had to trust God when you didn't know what was going to happen? What can you share about that?

**Say:** Having faith in God means trusting God even if you're not sure what's going to happen. Daniel had to trust God to save him, even when it seemed impossible. Let's say our Power Launcher together: Go Beyond in Faith!



## CLOSING

Close by saying the Vector Verse together several times:

*Glory to God who is able to do far beyond all that we could ask or imagine by his power at work within us!*

*Ephesians 3:20:*

Watch the benediction from Pastor Laura on our website ([www.leanderumc.org/VBS](http://www.leanderumc.org/VBS))

