Deus amou tanto o mundo que deu o seu único Filho para que todo aquele que nele crê não se perca espiritualmente, mas tenha a vida eterna.

-John 3:16 in Portuguese
# Tropical Rainforest

**Climate**
- Tropical, 80-100 inches of rainfall per year, humid

**Distinguishing features**
- Many rivers, temperature between 70 and 85°F

**Locations**
- Near the equator in Central and South America, Africa, India, Southeast Asia, W. Australia

**Animals**
- Spider, monkeys, gibbons, tree frogs, lemurs, anacondas, bats, cary, baros, piranhas, toucans

**Plants**
- Trees, pineapple, orange, banana, lemon, eggplant, cocoa, rubber, plants used for medicine

**Interesting facts**
- Most animals are arboreal and live in trees
- Not much light comes to the forest floor

**Lesson 11**

**Conor, 9**

**Properties of Ecosystems**

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# HOW I IMPACT NATURE

<table>
<thead>
<tr>
<th>Activity</th>
<th>Effect on ecosystems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foods I eat</td>
<td></td>
</tr>
<tr>
<td>Transportation I use</td>
<td></td>
</tr>
<tr>
<td>Clothes I wear</td>
<td></td>
</tr>
<tr>
<td>Recreational activities</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Memory Verses from Matthew (NIV)

1:23 “The virgin will be with child and will give birth to a son, and they will call him Immanuel”—which means, “God with us.”

4:4 Jesus answered, “It is written: ‘Man does not live on bread alone, but on every word that comes from the mouth of God.’”

4:19 “Come, follow me,” Jesus said, “and I will make you fishers of men.”

5:11-12 “Blessed are you when people insult you, persecute you and falsely say all kinds of evil against you because of me. Rejoice and be glad, because great is your reward in heaven, for in the same way they persecuted the prophets who were before you.”

5:14-16 “You are the light of the world. A city on a hill cannot be hidden. Neither do people light a lamp and put it under a bowl. Instead they put it on its stand, and it gives light to everyone in the house. In the same way, let your light shine before men, that they may see your good deeds and praise your Father in heaven.”

5:44-45 “But I tell you: Love your enemies and pray for those who persecute you, that you may be sons of your Father in heaven. He causes his sun to rise on the evil and the good, and sends rain on the righteous and the unrighteous.”

9:37b-38 “The harvest is plentiful but the workers are few. Ask the Lord of the harvest, therefore, to send out workers into his harvest field.”

11:28-30 “Come to me, all you who are weary and burdened, and I will give you rest. Take my yoke upon you and learn from me, for I am gentle and humble in heart, and you will find rest for your souls. For my yoke is easy and my burden is light.”
Deus amou tanto o mundo que deu o seu único Filho para que todo aquele que nele crê não se perca espiritualmente, mas tenha a vida eterna.

-John 3:16 in Portuguese
Aviation Puzzles

Week 20: T

Air Alphabet
(for all ages)

Alpha, Bravo, Charlie...

When pilots give information over the radio, it is easy for letter initials to be misunderstood. For example, their listener might think they said “F” when they said “S.” So pilots use a special system when they give initials over the radio. A plane with the call letters PK-MCF would be Papa Kilo—Mike Charlie Foxtrot.

If you were a pilot, how would you spell out the following words while on the radio? Refer to the air alphabet chart.

Y our first name ____________________________________________________________________________

Y our last name _____________________________________________________________________________

The city where you live ______________________________________________________________________

Which Plane?
(advanced—this may require help from a parent)

Mike, an MAF pilot based in Tegucigalpa, Honduras, is scheduling a flight for tomorrow. The flight will leave at 8:00 a.m. from Tegucigalpa and Mike will have four passengers. He must choose a plane large enough and with enough fuel to reach Siguatepeque with his passengers on time. (He can refuel his plane in Siguatepeque for his flight home.) Which plane should he choose?

Considerations:

- The plane must have enough seats.
- The plane must be able to carry enough weight.
  - One gallon of gas weighs 10 lbs.
  - Average weight of passenger with luggage is 200 lbs.
- The plane must have enough fuel to reach Siguatepeque.
- The plane must fly fast enough so that Suzie does not miss her bus.
- At each stop, the plane is on the ground for 30 minutes.

Flight Facts:

<table>
<thead>
<tr>
<th>Cessna 185</th>
<th>Cessna 206</th>
<th>Cessna 210</th>
<th>Cessna 208</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Seats</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Weight Capacity</td>
<td>750 lbs.</td>
<td>1250 lbs.</td>
<td>1250 lbs.</td>
</tr>
<tr>
<td>Cruising Speed</td>
<td>100 mph</td>
<td>120 mph</td>
<td>160 mph</td>
</tr>
<tr>
<td>Fuel Efficiency</td>
<td>15 mpg</td>
<td>12 mpg</td>
<td>10 mpg</td>
</tr>
<tr>
<td>Fuel Level</td>
<td>15 gal.</td>
<td>10 gal.</td>
<td>20 gal.</td>
</tr>
</tbody>
</table>

Passengers

- Mr. and Mrs. Jones are returning from furlough to their mission station in Comoyagua, 40 miles from Tegucigalpa.
- Jorge, a Honduran missionary, plans to show the "JESUS" film in Comoyagua tomorrow night. His equipment weighs an additional 50 lbs.
- Suzie Smith is finished with a semester at missionary school. She needs to catch the 9:45 a.m. bus in Siguatepeque, which is 120 miles beyond Comoyagua.