

Day 4: Jesus' power lets us live forever!

*"The Spirit of God, who raised Jesus from the dead, lives in you."-
-Romans 8:11*

Have you ever done something wrong? How did it make you feel? I bet you felt sad. The truth is, God is sad about it too. Doing something wrong is called "sin", and as you already know, sin is awful because it separates us from God.... making us all feel sad. In God's love and mercy, He sent Jesus from heaven to take our punishment for sin by dying on the Cross so we can return to Him. Jesus' death was very real and very sad. But that is not the end of the story! Jesus was only dead for 3 days when was raised; He is stronger than death and is alive today! Everyone who trusts in Jesus will never be separated from God but live with Him forever. God is good!

When Jesus was ready to return to heaven, He directed his disciples to baptize all the nations and to teach them to obey His commandments. He lifted His hands and blessed them – reminding them, and us, that He will be with us until the end of time even as He was taken up into heaven – just like our tea bags!



The Flying Tea Bag Experiment:

You need:

Single serving tea bag

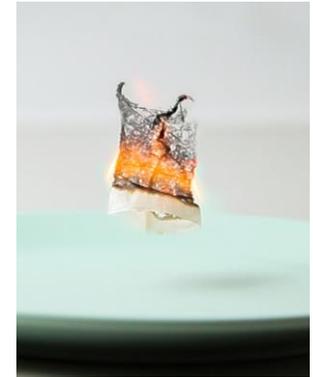
Small bowl

Scissors

Matches (or starter)

Metal sheet pan

A safe location with enough head room for the burning tea bag to float up a few feet in the air.



1. Carefully open the tea bag, unfolding completely and empty the tea into the small bowl (toss tea or reserve for another use)
2. Use your fingers to fully open the empty tea bag into a paper tube. Use the scissors to trim the bag on one end as needed so the paper tube will stand erect on the sheet pan.
3. With a match or starter light the top tip of the tube.
4. Watch for it to fly!

What's the science behind our floating tea bags?

As the tea bag burns, the room temperature air enclosed inside the bag heats up rapidly. Warmer air is less dense than cooler air and rises above cooler, denser air masses. So, the warm air inside the tea bag tube rises above the denser, cooler air outside. Since the almost burned away tea bag has lost most of its mass and is incredibly light, it is pulled up with the moving air mass and floats up.

