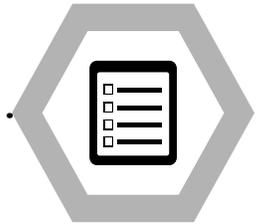


Lesson 2A:

While The Pilot Is Away . . . Have The Courage To Soar!



PRE-FLIGHT CHECK

Preparation for While Your Pilot Is Away Lesson

1. Topics You Will Cover:

- Your Pilot's flights while applying 'real-world' math and geography lessons to the classroom.
- The Adopt-A-Pilot **F.L.I.G.H.T.** Values with an emphasis on the value of **GRATITUDE**.

This '**While the Pilot Is Away**' lesson builds on what students did for **LESSON 1A: WHILE THE PILOT IS AWAY...WHERE IN THE WORLD?**

Part one reviews time zones and uses this 'real-world' data to do different fraction calculations. Part two revisits the Adopt-A-Pilot

F.L.I.G.H.T Values to emphasize the importance of a strong set of values.

2. Materials You Will Need

Cruise - Tracking your Pilot's Journey *and* Cruise - The Adopt-A-Pilot F.L.I.G.H.T. Values.

- See **LESSON 1A: WHILE THE PILOT IS AWAY. . .WHERE IN THE WORLD?** activity for a complete list of materials.



TAKE-OFF

Lesson Guide for While Your Pilot Is Away

1. STUDENT ACTIVITY 1: CRUISE - TRACKING YOUR PILOT'S JOURNEY

Note: This lesson can be done in class or as an at-home assignment

- Using your Pilot's Trip Sheet, study the physical location and capitals of the states/countries/territories Southwest flies.
- Look up the mileage between various city pairs and calculate how many miles your Pilot flies during their 'work week' and since Adopt-A-Pilot started.
- Review the time zones and use this 'real-world' data to complete the math calculations involving fractions.

2. (Optional): Applying your Pilot's journey.

- Have a discussion about current events that are happening where your Pilot is flying. Is there a major weather system in the area, a national convention, a world leader visiting, etc.? Help the students relate current events to their physical location.
- Track your Pilot's flight(s) by visiting <http://flightaware.com>. This can be done in real time or after the flight is completed.
- Use Google Earth® to view the sights, look at the airports, or explore where your Pilot is flying.
- Share any e-mails, postcards, photos, or videos your Pilot has sent.

3. STUDENT ACTIVITY 2: CRUISE – THE ADOPT-A-PILOT F.L.I.G.H.T. VALUES

- Lesson focus - **GRATITUDE**: *noun* / the quality of being thankful; readiness to show appreciation for and to return kindness.
- **GRATITUDE** goes a long way to creating happiness.
- Have a discussion with the students about **GRATITUDE**. What does gratitude mean to them? Why is gratitude important?
 - Professional and Olympic Athletes are thankful for the support of their coaches, family and friends.
 - Ask the students to tell you some things they are grateful for.



LANDING

Wrapping Up While Your Pilot is Away Lesson

- Recap your Pilot's journey.
 - Has anyone been to one of the cities that their Pilot flew to?
 - Are they surprised at how many miles their Pilot flies in a day, a week, since Adopt-A-Pilot started?
 - Where would your Pilot be if they had left the students' home town and traveled the same number of miles non-stop? Half way around the world? Use <http://www.timeanddate.com/worldclock/distances.html> to find out.
 - What do students find most interesting about the overnight city they researched?
 - Were the fraction calculations easier using 'real-world' data?
- Emphasize the importance of **GRATITUDE** and all of the **F.L.I.G.H.T.** Values. Which values did the students use today?

POST FLIGHT CHECKLIST

A Briefing For Your Pilot's Next Visit

- Upcoming lesson – The Scientific Process and Bernoulli's Principle. To prepare:
 - What do they already know about the Scientific Process?
 - Do students know what makes an airplane fly?
 - Write down any questions they want to ask their Pilot.
 - Complete their **AT HOME ACTIVITY: 2ND SOLO FLIGHT – A JOURNEY THROUGH TIME!**
 - Be ready to share some of the activities they completed while their Pilot was away.

