

## PLAN TO FLY THERE



**Grade level:** 3-5

**Subject Area:** Social Studies

**Objective:** The students will be able to identify all the components of a flight plan; create a simple flight plan.

**Related CBC Objective:** Use cardinal and intermediate directions to locate places on the map. Recognize that a scale is used to determine distances on a map.

**Sunshine State Standards: SS.B.1.2.1**

The student understands the interactions of people and the environment.

**Preparation:** Make copies of the Student Pages for each student.

### **Description of Activity:**

1. Build background by asking students if they saw the movie "Flight Plan." Discuss how important flight plans are. Use information provide on the guide.
2. Distribute a copy of the Aero-Chart and a flight plan to each student.
3. Students must choose any departure and destination airport shown on the chart.
4. Tell students to mark a route between the two airports by connecting the lettered dots. Write the route on the flight plan.
5. Using the time icon, have the students determine the amount of time the flight will take. Enter this in the flight plan.
6. Students will decide on a departure time and add the flight time to determine the arrival time. Add this information to the flight plan.
7. Complete the flight plan by adding aircraft identification and pilot's name.
8. Divide students into pairs with a barrier between them. Ask one student to transmit the flight plan information to the other student and have them write down the information as they receive it.
9. Students can then exchange flight plans to see if the information matches.
10. Ask the follow discussion questions: a. What would you do if you had to communicate with Air Traffic Controllers to Italy? B. Do pilots have to use a flight plan? C. Can pilots change a flight plan?

### **Assessment:**

1. Have the students complete a flight plan using the International Phonetic Alphabet.
2. Ask the students to create a chart scale for distance.

3. Create a walk-bike plan to describe how a student could get to a friend's house.
4. Create a travel plan for getting to school.



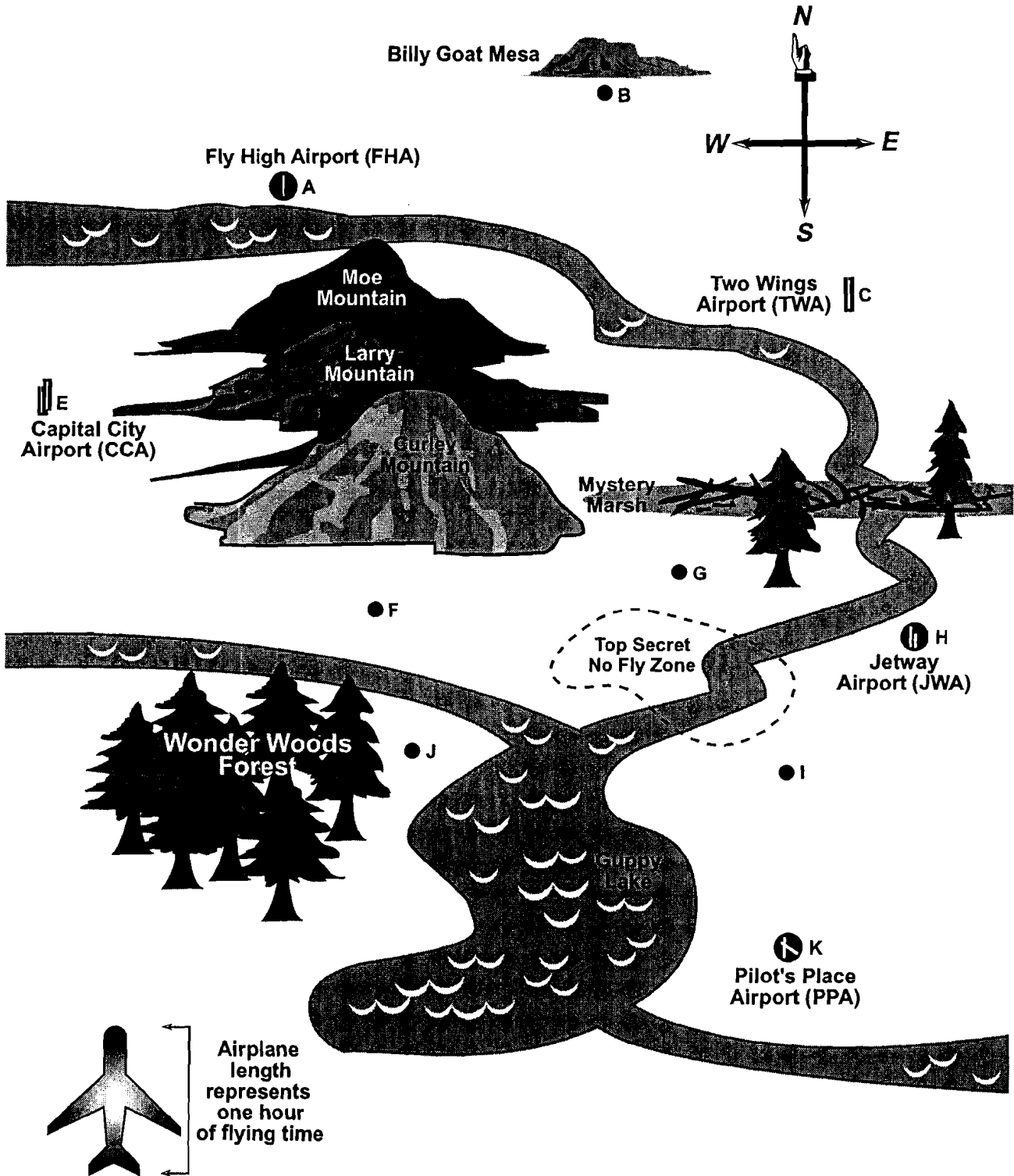
### **Suggested Extension Activities**

1. Have students plan a flight route using a chart they create.
2. Invite a pilot to the classroom to talk about flight plans.
3. Have the students draw a picture of what they would see on an airplane flight over a city or farm.
4. Have the students spell his or her name using the phonetic alphabet.

# Plan to Fly There



## Aero-Chart





# Plan to Fly There



## Official Pilot's Flight Plans

### Pilot's Flight Plan

Aircraft Number \_\_\_\_\_ Departure Time \_\_\_\_\_

Departure Point \_\_\_\_\_

Route of Flight \_\_\_\_\_

Destination \_\_\_\_\_

Estimated Time En Route \_\_\_\_\_ Arrival Time \_\_\_\_\_

Color of Aircraft \_\_\_\_\_

Name and Address of Pilot  
\_\_\_\_\_

### Pilot's Flight Plan

Aircraft Number \_\_\_\_\_ Departure Time \_\_\_\_\_

Departure Point \_\_\_\_\_

Route of Flight \_\_\_\_\_

Destination \_\_\_\_\_

Estimated Time En Route \_\_\_\_\_ Arrival Time \_\_\_\_\_

Color of Aircraft \_\_\_\_\_

Name and Address of Pilot  
\_\_\_\_\_





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## Directions

1. Look at the Aero-Chart Student Page and use it as a worksheet to help plan your trip.
2. Use the Aero-Chart to answer some of the questions on the flight plan below.
3. Fill in the blank spaces on the form to create a flight plan.

## Aircraft Identification

1. What is my airplane's number?  
\_\_\_\_\_

## Departure Time

2. What time will we leave?  
\_\_\_\_\_

## Departure Airport

3. From what airport will we leave?  
\_\_\_\_\_

## Route of Flight

4. How will we get there?  
\_\_\_\_\_

## Destination of Trip

5. Where will we land?  
\_\_\_\_\_

## Estimated Time En Route

6. How many hours will it take to get there?  
\_\_\_\_\_

## Arrival Time

7. What time will we land?  
\_\_\_\_\_

## Aircraft Color

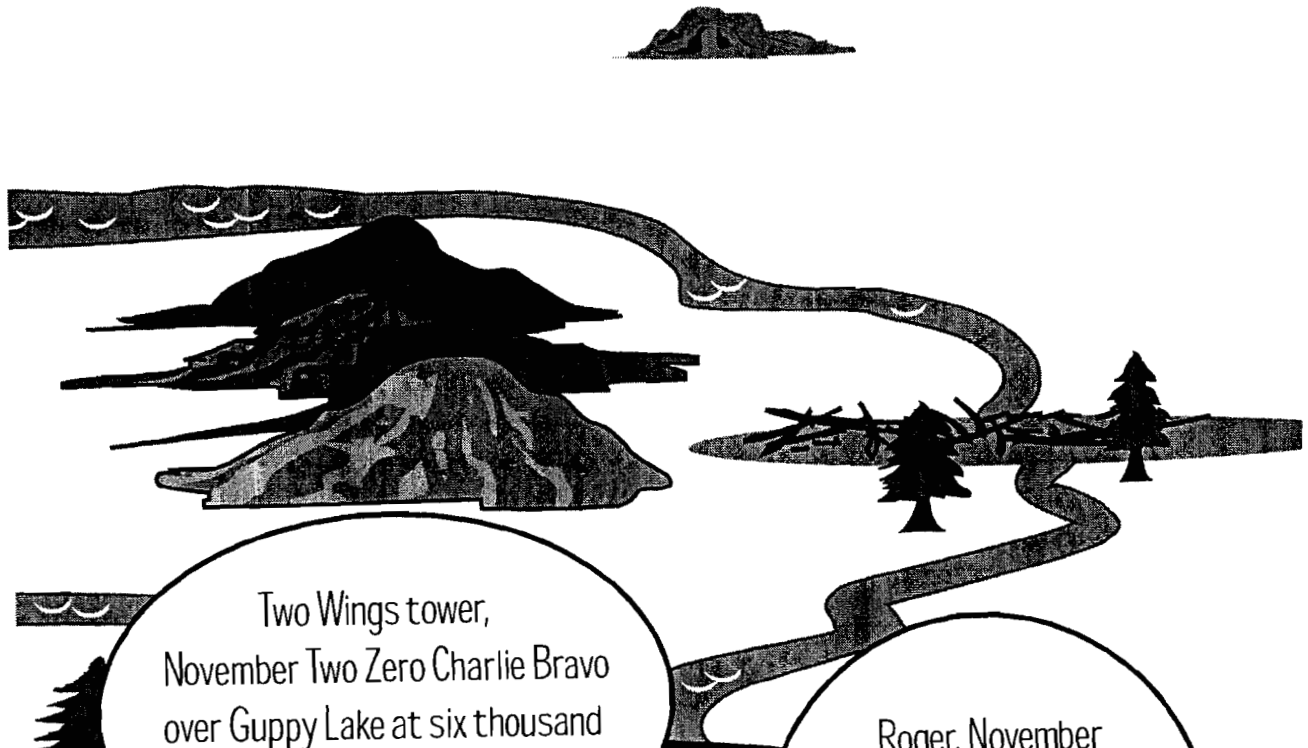
8. What color is my airplane?  
\_\_\_\_\_

## Name of Pilot

9. What is my name?  
\_\_\_\_\_



# Plan to Fly There



Two Wings tower,  
November Two Zero Charlie Bravo  
over Guppy Lake at six thousand  
five hundred feet.

Roger, November  
Two Zero Charlie Bravo.  
Advise when over  
Mystery Marsh.





# Plan to Fly There



## International Phonetic Alphabet

A	ALPHA	N	NOVEMBER
B	BRAVO	O	OSCAR
C	CHARLIE	P	PAPA
D	DELTA	Q	QUEBEC
E	ECHO	R	ROMEO
F	FOXTROT	S	SIERRA
G	GOLF	T	TANGO
H	HOTEL	U	UNIFORM
I	INDIA	V	VICTOR
J	JULIET	W	WHISKEY
K	KILO	X	X-RAY
L	LIMA	Y	YANKEE
M	MIKE	Z	ZULU

