

Name: \_\_\_\_\_  
Date: \_\_\_\_\_

Pd: \_\_\_\_\_

**The Academy of Natural Sciences of Drexel University**  
*Exploring Science - A Google Earth Activity*

Open up the Academy “Bicentennial” Google Earth file. In the lefthand menu, find Brooke Dolan’s expedition to Western China and Eastern Tibet. Read Brook Dolan’s story and answer the following questions.

**Part I: Brooke Dolan**

1. What was the first city Brooke Dolan and his expedition visited?

\_\_\_\_\_

2. How far did Dolan and his team travel from Shanghai to Chengtu? Use the Google Earth Ruler tool to measure the distance. Provide two different units of measurement (one must be miles or kilometers) : \_\_\_\_\_ = \_\_\_\_\_

3. Name the Chinese provinces the expedition probably traveled through from Shanghai to Chengtu:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Since you have already measured the distance from Shanghai to Chengtu, let us see how much farther the expedition had to travel...

Measure the distance from Chengtu to Tachienlu: \_\_\_\_\_ miles

Measure the distance from Tachienlu to Batang: \_\_\_\_\_ miles

Measure the distance from Batang to Jyekundo: \_\_\_\_\_ miles

5. What was the **total mileage** of the expedition’s journey through China and Eastern Tibet?  
\_\_\_\_\_ miles (*you can round up - no decimals necessary*)

6. How many times did Dolan take an expedition to Western China and Eastern Tibet? \_\_\_\_\_

7. Give the scientific and common names for three of the specimens Dolan collected during his expedition:

\_\_\_\_\_ = \_\_\_\_\_  
\_\_\_\_\_ = \_\_\_\_\_  
\_\_\_\_\_ = \_\_\_\_\_

8. Why was the expedition stopped at Jyekundo? \_\_\_\_\_

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9. What were the two animals Dolan and his team could not find? \_\_\_\_\_

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10. How many total specimens did Dolan come back with? \_\_\_\_\_

11. What hemisphere did Dolan travel in? Northern or Southern? Eastern or Western?

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12. Measure the distances from

Shanghai to Tachienlu: \_\_\_\_\_ miles

Tachienlu to Jyekundo: \_\_\_\_\_ miles

Jyekundo to Nanking: \_\_\_\_\_ miles

Nanking to Shanghai: \_\_\_\_\_ miles

13. Use the distances from question #12 to estimate the area covered by Dolan and his expedition. Use the space below to draw the area covered. Show your work and circle your answer. *Don't forget units of measurement!*