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## Utah Ski Resorts

Cart Title: From Silver Ore to White Gold

### Core Connection



**Fourth Grade Social Studies Standard 1:** Students will understand the relationship between the physical geography in Utah and human life.

**Fourth Grade Social Studies Standard 2:** Students will understand how Utah's history has been shaped by many diverse people, events, and ideas.

**Fourth Grade Math Standard 5:** Students will interpret and organize collected data to make predictions, answer questions, and describe basic concepts of probability.

**Summary:** Students will determine, from the map, the location of ski resorts along the Wasatch Front and their proximity to Salt Lake City. Students will review the statistics from various Utah ski resorts to compare features of the resorts. They will choose their favorite resort, based on the information in the table and its location and provide reasons for their choice.

### Lesson Learning Objectives:

1. Students will gain experience in analyzing a map and drawing conclusions about the relative locations of the various ski areas and their proximity to Salt Lake City.
2. Students will gain experience in reading a table.
3. Students will compare and contrast the features of the various ski resorts as shown on the table.
4. Students will determine which resort they feel is the best value for the options it offers.

**Materials:** copy of map for each student OR copy of map to use with document camera  
copy of "Ski Resorts" table and accompanying worksheet for each student

**Time Approximate:** 55 minutes

### Instructions:

1. Ask students what they think makes one ski resort more popular than another. Write student responses on board and discuss.

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2. Using the map, show locations of ski resorts along the Wasatch Front and discuss the importance of location to a resort's popularity. (Proximity to a big city and airport, etc.)
  3. Distribute "Ski Resorts" table to students and discuss the various categories. Why would each play a part in a consumer's choice of a resort?
  4. Distribute worksheet to each student and discuss answers when completed.

### *Ski Resorts\**

<i>Resort Name</i>	<i>Year Opened</i>	<i>Adult Lift Ticket Price Per Day</i>	<i>Number of Ski Runs</i>	<i>Inches of Snow per Year</i>	<i>Skiable Acres</i>
Alta	1938	\$64	115	547	2,200
Beaver Mountain	Mid-1940s	38	30	400	664
Brian Head	Early 1960s	45	63+	400	640
Brighton	1939	58	66+	500	1,050
Canyons (Park West)	1997 1968	75	163	355	3,700
Deer Valley (Snow Park)	1980s 1946	83	99	300	2,026
Park City Mountain Resort	1963	83	107	360	3,300
Powder Mountain	1972	56	114	500	5,500
Snowbasin	1940	63	113	400	3,300
Snowbird	1971	62	85	500	2,500+
Solitude	1958	61	64+	500	1,200
Sundance (Timp Haven)	1968 Mid-1940s	45	42	300	450

**Prices 2008-2009**

\*The first two columns show areas that have changed ownership and/or name as well as the area's original opening year and the year the change took place.

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## Which Ski Resort Would You Choose?

Use the map and the “Ski Resorts” table to answer these questions.

1. What is the oldest ski resort in Utah? \_\_\_\_\_
2. Which two ski resorts get the least average amount of snow per year?  
\_\_\_\_\_
3. Which resort gets the most amount of snow? \_\_\_\_\_
4. Which resort would be best for someone who likes to ski a lot of different runs in a day?  
\_\_\_\_\_
5. Where does it cost the least amount for an adult lift ticket? \_\_\_\_\_
6. Which resort has the most amount of area to ski in? \_\_\_\_\_
7. If an adult wanted to spend less than \$60 to go skiing for a day, how many areas could he or she choose from?  
\_\_\_\_\_
8. How much would an adult spend to ski one day at Alta and one day at Snowbird?  
\_\_\_\_\_
9. How much more does a ticket at Deer Valley cost than a ticket at Powder Mountain?  
\_\_\_\_\_
10. Circle the two resorts that are located in the same canyon. (Use the map for this one!)  
Alta      The Canyons      Snowbird      Solitude
11. Which resort is closest to Cedar City, Utah? \_\_\_\_\_
12. Which resort would you recommend to someone visiting Utah for a ski trip? Why?

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## KEY

### Which Ski Resort Would You Choose?

Use the map and the “Ski Resorts” table to answer these questions.

1. What is the oldest ski resort in Utah? *Alta*

2. Which two ski resorts get the least average amount of snow per year?

*Deer Valley and Sundance*

3. Which resort gets the most amount of snow? *Alta*

4. Which resort would be best for someone who likes to ski a lot of different runs in a day?

*The Canyons*

5. Where does it cost the least amount for an adult lift ticket? *Beaver Mountain*

6. Which resort has the most amount of area to ski in? *Powder Mountain*

7. If an adult wanted to spend less than \$60 to go skiing for a day, how many areas could he or she choose from? *5*

8. How much would an adult spend to ski one day at Alta and one day at Snowbird? *\$126*

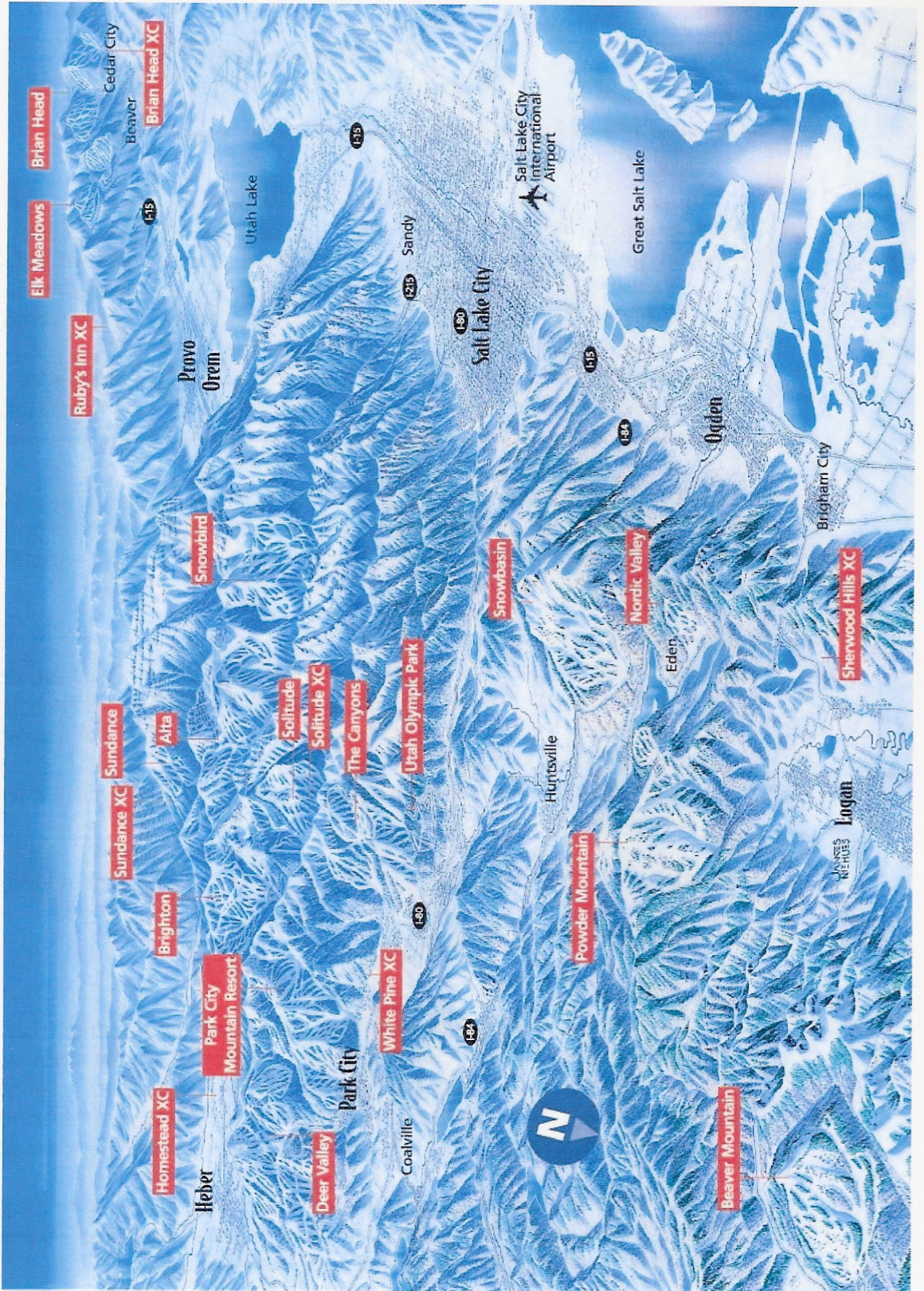
9. How much more does a ticket at Deer Valley cost than a ticket at Powder Mountain? *\$27*

10. Circle the two resorts that are located in the same canyon. (Use the map for this one!)

*Alta*      *The Canyons*      *Snowbird*      *Solitude*

11. Which resort is closest to Cedar City, Utah? *Brian Head*

12. Which resort would you recommend to someone visiting Utah for a ski trip? Why?



Courtesy of Ski Utah