

- c. Using techniques you've learned in scouting, estimate the height of North Gateway Rock. (a) 320 ft, (b) 520 ft, (c) 220 ft.
4. Follow the trail past Signature Rock, Sentinel Rock and South Gateway Rock.
 - a. Note the colors. Are these rocks part of the Fountain Formation or Red Lyons Formation?
 - b. What is the reason for the name of Signature Rock? (Tip: It is not geological.)
5. Continue onto the Cathedral Spires and Three Graces. Both of these outcrops are part of the Fountain Formation.
 - a. Note the orientation of the strata (layers). How are they oriented (angle)? (a) Horizontal, (b) Vertical
 - b. Can you see a difference in color when you compare these rocks to South Gateway Rock? (a) Yes, (b) No.
6. Continue in a Southwesterly direction to Scotsman - another outcrop of the Fountain Formation.
7. Do a fun exercise. Which crew member's birthday is the closest to today? What date?
8. From Scotsman continue onto Balanced Rock. Note the Siamese Twins outcrop along the way.
 - a. Use the space provided on the inside of this guide (below the map) to make a simple sketch of the Siamese Twins.
9. At Balanced Rock see if you can identify some conglomerates and guess the diameter of the pebbles in the rocks?
10. Balanced Rock is part of which formation? (a) Fountain Formation, (b) Red Lyons Formation.

We hope you enjoyed this short journey through the Garden of the Gods. Thank you for your participation in the program. Enjoy the rest of your tour.



Garden of the Gods – Trail to Discovery

Please use the map on the inside of this guide to guide you on a hiking route through the park. Work in your crew to complete the questions and exercises. Where applicable circle the right answer. Please hand in completed sheets (one per crew) to the Blue Sky Tour Guide.

Crew #: **Crew Leader:**

Date :

Participants:

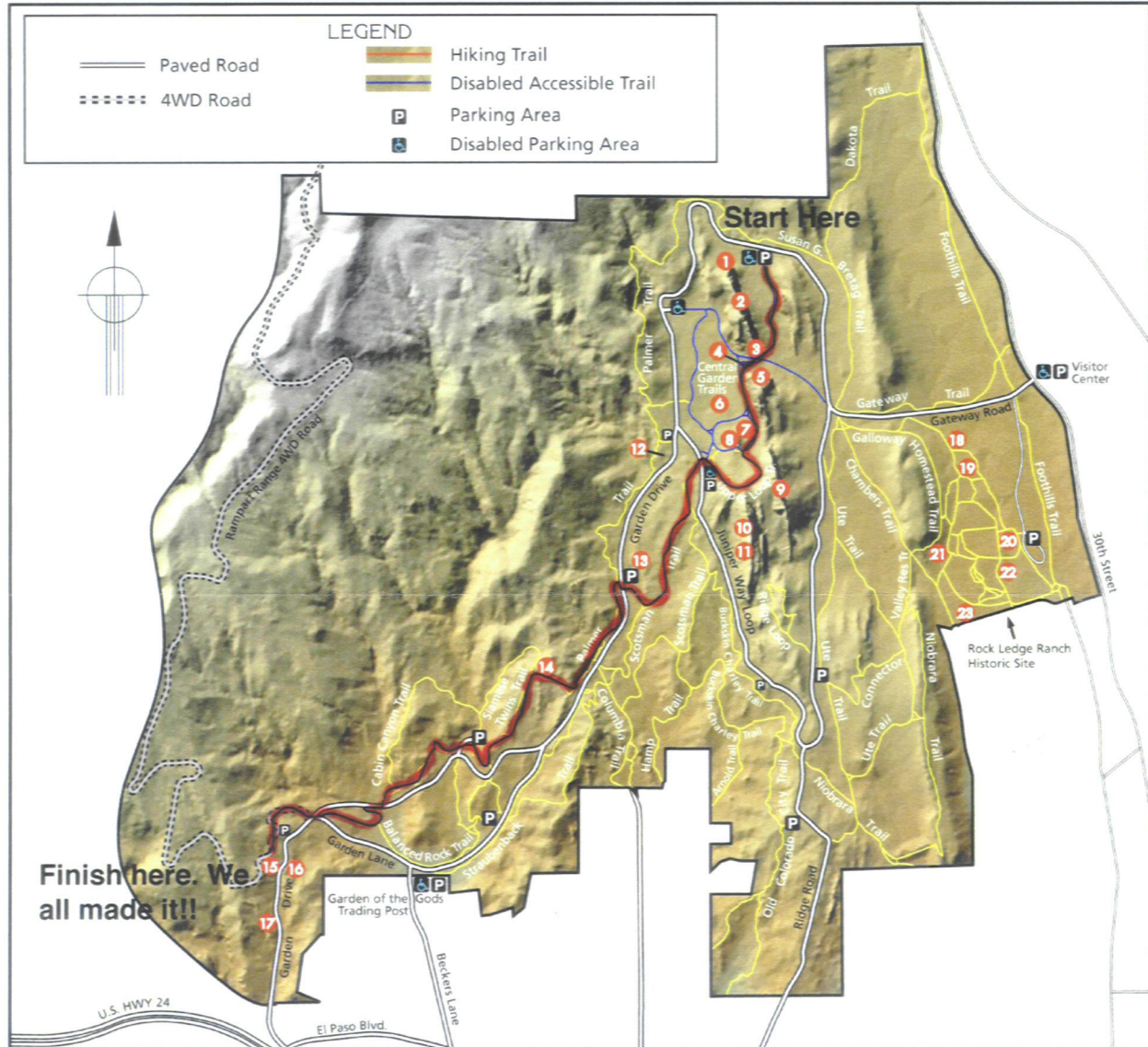
1.	1.
2.	3.
4.	5.
6.	7.
8.	9.

1. The hike starts at North Gateway rock and will follow the trails to the South West, past Scotsman to end at Balanced Rock.
2. During the hike be on the lookout for faults (tears or breaks in the strata or layers). If you find any, please indicate the position or positions on the map.
3. At North Gateway Rock you will find the Kissing Camels.
 - a. What element gave the rocks of North Gateway Rock the deep red color? (a) Iron, (b) Magnesium, (c) Gold.
 - b. Use the space provided on the inside of this guide (below the map) to make a simple sketch of North Gateway Rock. Make sure to include the Kissing Camels as well as the orientation of the strata or layers.

FEATURES

- | | | |
|---------------------------------------|---------------------|-------------------------|
| 1 Tower of Babel | 9 Kindergarten Rock | 17 Toad and Toadstools |
| 2 North Gateway Rock / Kissing Camels | 10 Keyhole Window | 18 Native American Area |
| 3 Signature Rock | 11 Sleeping Giant | 19 Galloway Homestead |
| 4 Sentinel Rock | 12 Giant Footprints | 20 Carriage House |
| 5 South Gateway Rock | 13 Scotsman | 21 Rockledge House |
| 6 Pulpit Rock | 14 Siamese Twins | 22 Orchard House |
| 7 Cathedral Spires | 15 Balanced Rock | 23 Blacksmith Shop |
| 8 Three Graces | 16 Steamboat Rock | |

Garden of the Gods Hiking



Sketch of North Gateway Rock (Kissing Camels)

Sketch of Siamese Twins