

Science Camp #190618.10

18-20 June 2019 @ Jared & Melanie Wright's
Bulverde, Texas, and surrounding area

Advisors

H. Roice Nelson, Jr., Andrea S. Nelson,
Paul & Kate Nelson, Jared & Melanie Wright, Roice & Sarah
Nelson, Sara Sullivan, Rob Nelson

Attendees

Grant M. Nelson, Colby C. Wright,
Taylor R. Wright, Ella D. Nelson, Halle N. Wright,
Dallin Spencer Nelson, Avalyn Ashby Wright, & Quentin M. Nelson
Guests: Kendall Joyce Wright & Chloe Nelson

Past Science Camp Themes & Sites Visited

1. Nelson Cabin, Fishing, Condensation, Water Coloring, and Music
 1. Nelson Cabin
 2. Panquich Lake
 3. Swimming at Cedar City Aquatics Center
2. Mining Range, Frisco, Silver Reef, Iron Town, Astronomy at Frisco Peak, Archery
 1. Nelson Cabin, Kolob Reservoir, Silver Reef, Snow Canyon, Volcano
 2. Parowan Gap, Rack Range Mines, Frisco, Frisco UU Telescope
 3. Iron Mine, Iron Town
3. Geocaching, Mammoth Cave, Cascade Falls, and Cedar City Cemetery
 1. Nelson Farm, Fiddler's Canyon,
 2. Boys to Mammoth Cave, Cascade Falls and Girls to St. George and Pottery Making
 3. Cedar City Cemetery
4. Volcanoes, Classy Closets, Maps, Surveying, Sand Painting, and Genealogy
 1. Condo, Snow Canyon Volcanoes, Classy Closets, Fiddler's Canyon
 2. Nelson Farm to survey, Nelson Cabin
 3. Cedar City 24th of July Parade
5. Patterns, Horse Riding, Internet, Be-a-man-campout
 1. Dust Devil Ranch, InfoWest, Fiddler's Canyon
 2. Nelson Cabin
 3. Cedar City July 4th Parade
6. Music & Spoken Word, SilencerCo, Indian Tribes & Archaeology, Solar Astronomy
 1. Family Discovery Center, Sophie & Dallin's Baptism, SilencerCo, Music & Spoken Word, UU Science Museum
 2. Freemont Indian Museum, Boulder Anasazi Ruins, Escalante Petrified Forest, Bryce Canyon
 3. Parowan Gap, Solar Astronomy, Nelson Cabin, Uncle Des' & Aunt Sara's, Swimming
7. Rock Cutting, SUU Museum, Computer Hardware and Software, Cabin
 1. 1st Annual Fun Run / Walk, rock collection Bloody Ridge, rock cutting and polishing
 2. HTML at SUU, and Lego Robots at Nelson Cabin
 3. Astronomy at Nelson Cabin, Bottle Rockets, and having a good time
8. 8G: Geography, Genetics, Genealogy, Grandma, Grandpa, Geology, Geophysics, & Guitar
 1. Watered garden, 2nd Annual Fun Run / Walk, Iron Springs, Iron Town, Genetics, Cabin, Guitar
 2. Zion, Angels Landing & Emerald Pools, Geophysical Slides
 3. Bottle Rockets, swimming, and having a good time
9. Garden of the Gods, Drones, Intercontinental Divide, Teepee, Salida Hot Springs, University Mountains
 1. Bow & Arrows, Drone, Intercontinental Divide
 2. Guitar and Buena Vista 4th of July Parade
 3. Mount Antero, Hot Springs at Salida, Teepee

10th Annual Nelson Grandkids Summer Science Camp

Summary

Tuesday:

1. Eisenhower Park
San Antonio
2. i-Fly

Wednesday:

1. Guadalupe River
State Park
2. Cave Without A
Name & Sound

Thursday:

1. Alamo
2. Riverwalk

Good Times!



Photos + slides will be posted at:
http://www.walden3d.com/photos/Grandkids_Science_Camps/190618-20_Science_Camp

Schedule Monday - Friday

- Monday, 17 June 2019
 - Arrive at Melanie's or San Antonio Airport.
 - Kids set up menu's and purchase food.
- Tuesday, 18 June 2019:
 - Breakfast.
 - Eisenhower Park San Antonio, back to Melanie's for lunch.
 - i-Fly, 2 20-minute blocks with two 1-minute flights for each person.
 - Science Presentations with Dutch Oven and guitar at Melanie's.
- Wednesday, 19 June 2019:
 - Breakfast, 8:00 Guadalupe River State Park.
 - No food because of bees, back to Melanie's to eat.
 - 6-9:00 PM Cave Without A Name in Bourne, Texas.
 - Rob teaching acoustics and guitar.
- Thursday, 20 June 2019:
 - Breakfast & Fun Run, Neighborhood swimming pool.
 - San Antonio to Alamo: Scavenger Hunt; Wax Museum, Ripley's Believe It or Not.
 - Lunch or Dinner on the Riverwalk
- Friday, 21 June 2019:
 - Kendall's operation and everyone leaves.

Safety

- **Never go anyplace alone.**
- Exception is if one of you is hurt, then:
 - One of you stay and help the person hurt.
 - The other one run and get help.
- If you get lost stay put, we will find you.
- If you hear a rattlesnake do not move quickly, just slowly move away from the sound.
- Do not run with a knife open. Use knife safety.
- If you cut yourself, apply pressure to the wound to stop bleeding, and send for help.
- Never point an arrow in a cocked bow or a gun at any person.
- Drink lots and lots and lots of water.
- Do not go swimming unless an adult is with you.
- Do not start branches on fire and swing them around where others can be hurt.
- Have fun, use common sense, and **think before you act.**

Job Chart

Everybody picks up their own dishes!

Everyone cheerfully does what they are asked to do by Grandpa, Grandma, Uncle Paul, Aunt Kate, Uncle Jared, Aunt Melanie, Uncle Rob, Uncle Roice, Aunt Sarah, Aunt Sara or other adults.

Monday:

- Pancakes
- Sandwiches
- Beans and Rice

Tuesday	Wednesday	Thursday
Breakfast (cereal): Taylor & Quinton Set-Up, Cook, & Clean-Up	Breakfast (bacon, eggs, & biscuits): Halle & Ella Set-Up, Cook, & Clean-Up	Breakfast (Oatmeal, pigs in a blanket, fruit, blueberry muffins): Grant & Colby Set-Up, Cook, & Clean-Up
Lunch (hamburgers & hot dogs): Dallin & Avalyn Set-Up, Cook, & Clean-Up	Lunch (spaghetti): Colby & Ella Set-Up, Cook, & Clean-Up	Lunch (Riverwalk): Halle & Dallin Set-Up, Cook, & Clean-Up
Dinner (The Branch): Quinton & Avalyn Set-Up, Cook, & Clean-Up	Dinner (picnic): Taylor & Grant Set-Up, Cook, & Clean-Up	Dinner (Riverwalk): San Antonio

Day 1: Tuesday, 18 June 2019

Morning:

- Eisenhower Park, San Antonio, back to Melanie's for lunch.

Afternoon:

- i-Fly, 2 20-minute blocks with two 1-minute flights for each person.

Evening:

- Science Presentations with Dutch Oven and guitar at Melanie's.



Eisenhower Park, San Antonio

Japanese Tea Garden



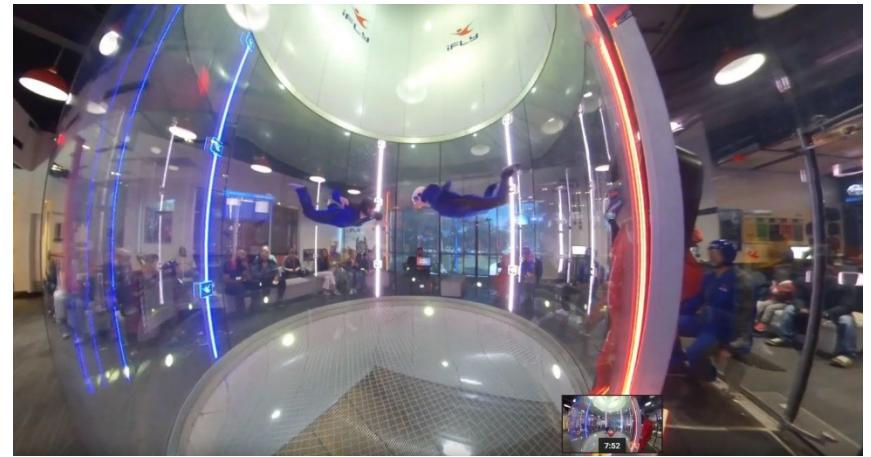
Benavides Park [Facilities](#) / [All Parks & Facilities](#) / [Parks & Facilities Details](#)



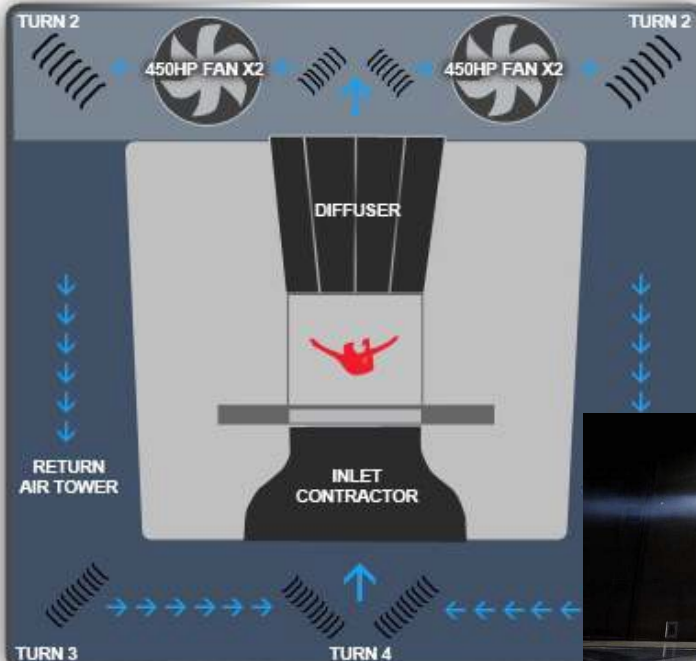
Sunken Garden Theater [Parks & Facilities](#) / [Parks & Facilities Details](#)



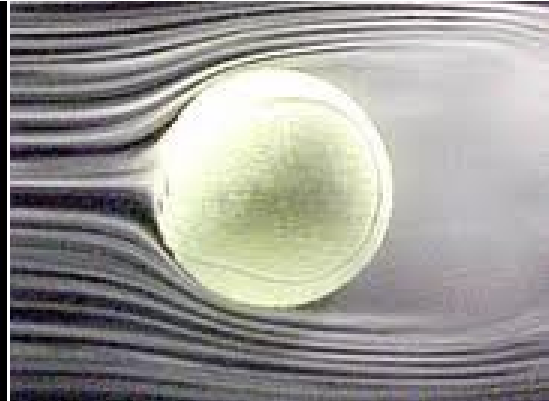
The Science and Engineering of iFLY



Closed Loop Vertical Wind Tunnel



Wind Tunnel Testing



drag force

Indoor Sky Diving

drag force



gravity

gravity

At terminal velocity:

$$F_W - F_D = ma$$

$$F_W - F_D = 0$$

$$F_W = F_D$$

F_W = force wind
 F_D = force gravity
 m = mass
 a = acceleration

Calculating Predicted Terminal Velocity

Factors:

- Mass
- Gravity
- Surface Area
- Drag
- Air Density

$$v = \sqrt{\frac{2mg}{A_f C_D \rho}}$$

F = velocity

m = mass

g = gravity

A_f = Frontal Area

C_D = Drag

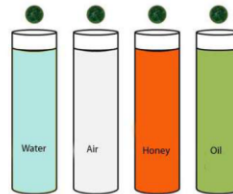
ρ = Air Density

Drag coefficients for simple objects

Object	C_D
Cylinder	1.17
Flat plate	1.98
Sphere	0.47

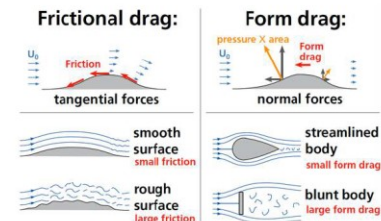
What would you guess the drag coefficient of your body is in free flight?

Fluids also have *viscosity*, which produces *friction* forces



Which type of fluid has the higher viscosity, liquids or gases?

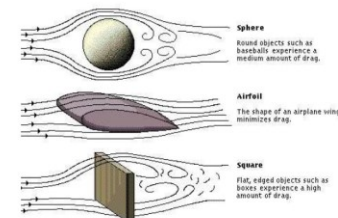
Drag is the combination of friction and pressure forces



Which kind of drag do you think is more important for air flows?

Drag of an object depends on its shape, its size, and the velocity of the air stream

Shape:



How do we know the air speed? ...we measure it...



...with a Pitot Static Tube.

Can you find them in our wind tunnel?



Presentations

(Discussion of Science Activities over the last year)

- Ethan _____.
- Grant _____.
- Colby _____.
- Taylor _____.
- Ella _____.
- Halle _____.
- Sophie _____.
- Dallin _____.
- Avalyn _____.
- Quentin _____.
- Izzy _____.

The Two Types of Sedimentary Deposition

Sandstone



Cut slab of [sandstone](#) showing [Liesegang banding](#)

Sandstone is typically laid down layer by layer by wind (sand dunes) or by rivers and stream channels or by deltas at the mouths of rivers next to the ocean.

Limestone



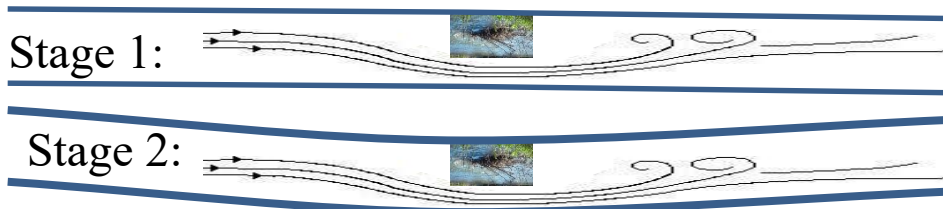
[Limestone](#) outcrop in the [Torcal de Antequera](#) nature reserve of [Málaga](#), Spain

Limestone typically grows in place as coral reefs. Free swimming coral larvae attach themselves to submerged rocks, secrete skeletons, which grow as calcium carbonate layers.

Why do streams meander?



- Gravity drives streams & rivers down slope.
- Sand drops out when branches, etc. slow water down.
- Same amount of water in the same channel causes cutting on opposite side of the river.



Why do waterfalls form?



- Gravity drives water down slope.
- Large rocks or hard outcrops keep the slope from changing.
- When the water breaches the rocks or hard outcrops it quickly erodes softer sediments and creates erosion channels.



<https://www.cartoonstock.com/cartoonview.asp?catref=cszn78>

Waterfall Facts



A waterfall is not just a waterfall, there are loads of different types of waterfalls, and some can even be more than one type. Here are the types of waterfalls you get.

Ledge Waterfall – this is the classic waterfall that looks like a curtain. They go down vertically over a cliff and have contact with the bedrock.

Block Waterfall – this is also called a sheet. These waterfalls will go on their journey down, but they actually come from a wide stream or river, like the Niagara Falls in the US and Canada.

Cascade Waterfall – these waterfalls go down over series of rocks that look like steps. These ones you can have a good old play around in as they're quite safe. An example is the Monkey Falls in India.

Cataract Waterfall – these are some massive waterfalls, they're powerful and dangerous too. No trying any adventure stunts near these! An extremely wide cataract fall is the Iguaza River on the border of Brazil and Argentina.

Chute Waterfall – these waterfalls push a massive amount of water through a vertical passage at seriously high pressure. An example of this type of waterfall is the Three Chute Falls, Yosemite National Park, USA.

Fan Waterfall – these are literally like big fans of water. As the water goes down its rocky cliff, the water forms a fan shape. That's awesome.

Frozen Waterfall – these will freeze over for some of the year. An example is The Fang, Vail, Colorado, USA.

Horsetail waterfall – pretty bizarre name don't you think? Well these waterfalls keep in contact with the bedrock underneath them. The Reichenbach Falls, in Switzerland, is a horsetail waterfall. And it's famous for something. Do you know what it is? Well apparently the imaginary detective from books, Sherlock Holmes apparently fell to his death here. Do you think this is actually true?

Multi-Step Waterfall – these are also called tiered or staircase. These waterfalls are pretty cool. They are a series of waterfalls, that fall one after the other and each one has their own plunge pool. The Falling Lakes of Plitvice Lakes National Park, in Croatia have an awesome multi-step waterfall.

Plunge Waterfall – these have got some power behind them and they move really fast with a horizontal thrust over the edge which causes the water to lose contact with the bedrock. Wow! Japan's Hannoki Falls are a plunge waterfall.

Punchbowl Waterfall – these waterfalls make their merry way down in a narrow way and it then spreads out into a wide pool at the bottom. Wailua Falls in Hawaii is an example of a punchbowl waterfall.

Segmented Waterfall – as these waterfalls go down they create separate flows of water. That sounds like a cool waterfall to see. The Nigretta Falls in Victoria, Australia, have separate streams that join back up in the pool.

A waterfall is a part of a river or stream where the water flows over a steep drop, often landing in a plunge pool below. Some waterfalls can have a huge drop, and these are definitely not waterfalls to take a jump from!

Erosion plays an important part in how waterfalls are made. As a stream flows, it carries sediment that can erode the soft bed rock, which is limestone and sandstone underneath. Eventually this goes deep enough so that only the harder rock, such as granite, stays. Waterfalls are born as the granite forms cliffs and ledges. Wow, it takes some doing to create a waterfall.

Just as waterfalls are made by the process of erosion, they cause erosion too. How weird. The speed of the stream gets stronger and stronger as it nears a waterfall, increasing the amount of erosion. The movement of the water at the top flattens rocks at the edge. The plunge pool at the bottom gets bigger as rushing water and sediment erodes it and the area behind the waterfall is worn away, creating cave-like shelters. Those would be awesome to explore!

There are other ways that waterfalls can be made like from an earthquake, landslide, glacier, or even volcanoes which can disturb the land of a stream bed. This creates cliffs, cracks, faults and other changes in height.

How are caves made?

- Most caves are formed in limestone, dolomite and gypsum formations.
- These formations will dissolve easily with water over time.
- Caves are also formed by wind, chemical actions, erosion, tectonic and volcanic forces, melting of hot lava, microorganisms, tides, pressure, and water flowing through a glacier.

What are Stalactites and Stalagmites?

- Stalactites are on the ceilings of caves. They are made from the constant dripping of mineral rich water, which little by little leaves mineral deposits on the ceiling and the minerals harden.
- Stalagmites are on the floor of a cave. They are created by water droplets that are full of minerals that fall to the floor. They then grow, sometimes very large, and they often look like large pillars.



<http://www.scienceforkidsclub.com/caves.html>

List of Songs from

<http://psalmscountdown.net/indices/People.html>

K.

- [Keller, Erik](#)
- [Kessler, Amir](#)
- [Kessler, Yarden](#)
 1. [Kids](#) Song 012 - A Lullabye
 2. [Kids](#) Song 013 - Benjamin's Song
 3. [Kids](#) Song 014 - Paul's Song
 4. [Kids](#) Song 015 - Little Girls
 5. [Kids](#) Song 016 - Sara Ellyn
 6. [Kids](#) Song 017 - The Tank
 7. [Kids](#) Song 019 - Questions
 8. [Kids](#) Song 020 - Audrey
 9. [Kids](#) Song 022 - Sir Matthew Charles
 10. [Kids](#) Song 023 - Rachel, My Darling
 11. [Kids](#) Song 026 - Spring
 12. [Kids](#) Song 027 - The Animal's Testimony Meeting
 13. [Kids](#) Song 042 - Heather's Practical Magic
 14. [Kids](#) Song 044 - My Family
 15. [Kids](#) Song 054 - The Wooden Shoe
 16. [Kids](#) Song 073 - Family Status
 17. [Kids](#) Song 091 - I Once Saw A Family
 18. [Kids](#) Song 095 - The Frailty of Life
 19. [Kids](#) Song 161 - Bug-Eyed Girl
- [Klaviness, Alf](#)
- [Knoll, Tommy](#)
- [Kopecky, Johnny](#)

L.

- [Galey, John](#)
 1. [Gardner, Ray](#) Song 025 - Homecoming
 2. [Gardner, Ray](#) Song 076 - Job
 3. [Gardner, Ray](#) Song 157 - Maxine Memories
 4. [Gardner, Ray](#) Song 362 - The Move
 5. [Gardner, Ray](#) Song 396 - Website Stuff
- [Garfield, Charlie](#)
- [Gesner, Abraham](#)
- [Gideon](#)
- [Gillet, Bethany](#)
- [Giroflee](#)
 1. [God](#) Song 047 - Spirit World
 2. [God](#) Song 065 - Celestial Kingdom or Bust
 3. [God](#) Song 087 - The First Prayer
 4. [God](#) Song 385 - A Vinyard
 5. [God](#) Song 389 - Face to Face
 6. [God](#) Song 400 - Good and Bad Teachers
 7. [God](#) Song 410 - Eternal Life
- [Goldstein, Marvin](#)
- [Graham, Madison](#)
 1. [Grandkids](#) Song 045 - Ethan
 2. [Grandkids](#) Song 104 - Three Little Men
 3. [Grandkids](#) Song 119 - Anticipation
 4. [Grandkids](#) Song 123 - Grant and Ella
 5. [Grandkids](#) Song 126 - Not Very Smart
 6. [Grandkids](#) Song 127 - No Fears
 7. [Grandkids](#) Song 140 - Rolling Down the Hill
 8. [Grandkids](#) Song 146 - The Dance
 9. [Grandkids](#) Song 152 - Taylor's Birthday
 10. [Grandkids](#) Song 152 - Baptism
 11. [Grandkids](#) Song 349 - The Graceful Swan
 12. [Grandkids](#) Song 352 - Grandpa's Drum
 13. [Grandkids](#) Song 353 - New Wood Floors
 14. [Grandkids](#) Song 375 - Dallin
 15. [Grandkids](#) Song 376 - Saint Sophie
- [Grant & Jose](#)
- [Gray, Ed](#)
- [Gray, Jim](#)
- [Grua, Corey](#)
- [Grua, Marilyn](#)

S.

- [Rowbury, Lyle](#)
- [Salt, Adam](#)
- [Salt, Adam](#)
- [Salt, Andrew](#)
- [Salt, Andrew](#)
- [Salt, Nathan](#)
- [Santa Claus](#)
- [Sariah](#)
- [Sarlls, Rachel](#)
 1. [Satan](#) Song 046 - Images Scream Out
 2. [Satan](#) Song 076 - Job
 3. [Satan](#) Song 120 - Media
 4. [Satan](#) Song 164 - Pain
- [Saud, King Ibn](#)
- [Schmidt, Anna](#)
- [Schmidt, Chris](#)
- [Schmidt, Jonathan](#)
- [Schmidt, Lorriane](#)
- [Schmidt, Norbert](#)
 1. [Science Camp](#) Song 160 - Science Camp
 2. [Science Camp](#) Song 390 - Nelson Cabin
 3. [Science Camp](#) Song 406 - Looking Down on Me
- 1. [Scouts](#) Song 028 - Father's & Sons
- 2. [Scouts](#) Song 029 - Simonton Blues
- 3. [Scouts](#) Song 030 - El Rancho Cima
- 4. [Scouts](#) Song 031 - Camp Strake
- 5. [Scouts](#) Song 033 - Camp Liendo Ballad
- 6. [Scouts](#) Song 034 - Digital Camera
- 7. [Scouts](#) Song 036 - Hagen's Escape
- 8. [Scouts](#) Song 037 - Brosig
- 9. [Scouts](#) Song 038 - Campout at Turner's
- 10. [Scouts](#) Song 939 - Stephen F. Austin Camp
- 11. [Scouts](#) Song 040 - Ice on Tents
- 12. [Scouts](#) Song 043 - Twelve Disciples
- 13. [Scouts](#) Song 049 - Welcome to Big Bend
- 14. [Scouts](#) Song 105 - Kelly's Pond
- 15. [Scouts](#) Song 163 - Seminary Trek
- 16. [Scouts](#) Song 388 - Yankee Meadow

Day 2: Wednesday, 19 June 2019

Morning

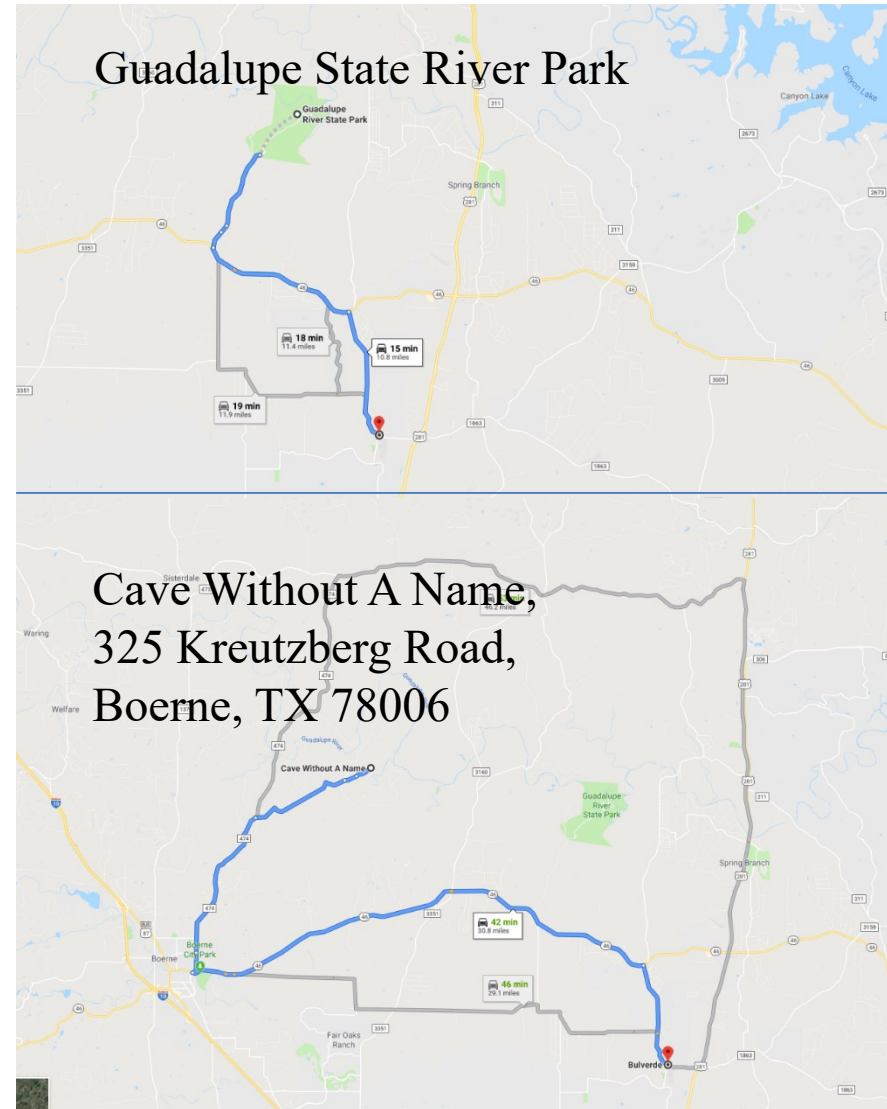
- Breakfast, 8:00
- Guadalupe River State Park.
- No food because of bees.

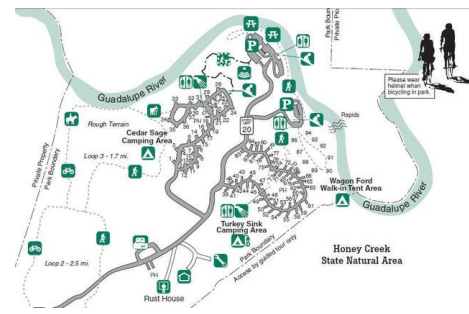
Afternoon

- Play & Dinner.

Evening

- 6-9:00 PM Cave Without A Name in Bourne, Texas
- Rob teaching acoustics and guitar.





Guadalupe River State Park



The tallest waterfall in the world is Angel Falls, Venezuela with a massive water drop of 979m. That is seriously high! The fall is so long that when summer comes around the water turns into mist before it reaches the stream below. How cool is that?



The valley of Lauterbrunnen in Switzerland is a deep icy area which has formed valley that has an unbelievable 72 waterfalls. The streams flowing from the mountains on either side reach the rocky walls of the valley and off they go on their journey down! The most famous of the waterfalls is the Staubbach Falls less than 1km from Lauterbrunnen village.

Many waterfalls around the world are used to generate hydroelectric power, which is power that is created from water.

Angel Falls are named after American Pilot Jimmy Angel who flew over them in 1935.

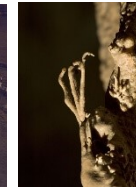
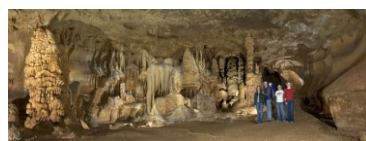
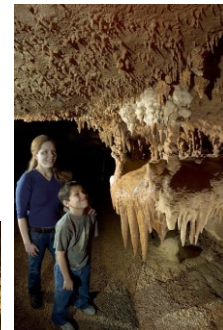
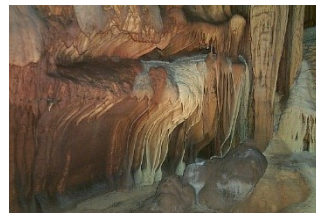
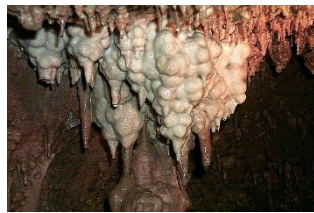
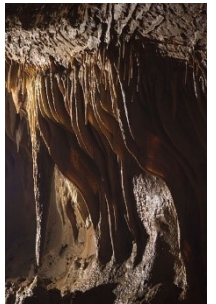
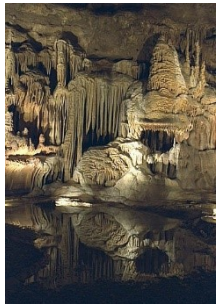
Victoria Falls in Zimbabwe are locally known as 'Mosi oa Tunya' which means 'the smoke that thunders'.

The roar from the Victoria Falls can be heard from over 40km away! No way, that is one powerful waterfall.

Niagara Falls has two falls including the Horseshoe Falls, which are 75m high, and the American Falls at 55m high! No wonder people flock there in their millions!



Cave Without A Name



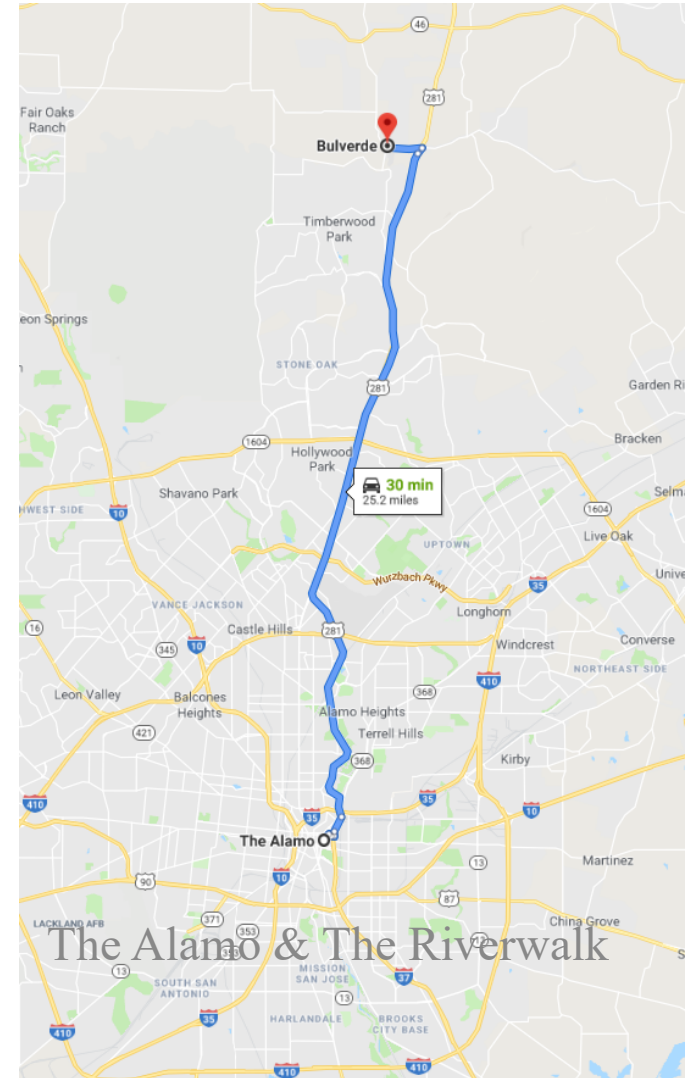
Day 3: Thursday, 20 June 2019

Morning

- Breakfast and Fun Run.
- Neighborhood swimming pool.

Mid-Day & Afternoon

- San Antonio to Alamo: Scavenger Hunt; Wax Museum, Ripley's Believe It or Not.
- Lunch and/or Dinner on The Riverwalk.



Award Certificate

Fun Run/Walk

Presented to

**Third Annual Fun Run with my 69 year old Grandpa Nelson, or
Fun Walk with my 64 year old Grandma Nelson at
The 10th Annual Nelson Grandkids Science Summer Camp**

Distance

Signed



Time

Date

The Alamo



Discover Bengt, Your Pioneer Relative.



Bengt Nelson

1834-1919
KWNK-SNL

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Abraham O. Smoot Company

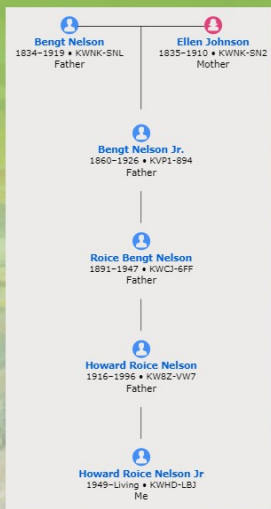
Departed From
Mormon Grove, KS
in August 1856

Age at Departure
21 | Traveled for
91
Days

Traveled with a
wagon company



• 5 of 20 •



Discover Ellen, Your Pioneer Relative.



Ellen Johnson

1835-1910
KWNK-SN2

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Abraham O. Smoot Company

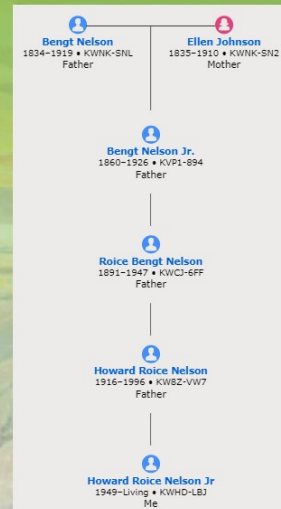
Departed From
Mormon Grove, KS
in August 1856

Age at Departure
20 | Traveled for
91
Days

Traveled with a
wagon company



• 4 of 20 •



Nelsons & Hunters

Discover Jons, Your Pioneer Relative.



Jons Christofferson

1808-1878
KJW8-NJ2

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Joseph Home Company

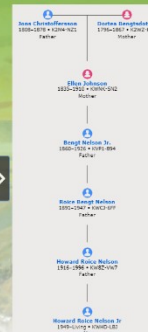
Departed From
Florence, NE
in July 1862

Age at Departure
54 | Traveled for
66
Days

Traveled with a
wagon company



• 12 of 20 •



Discover Dorte, Your Pioneer Relative.



Dorte Bengtsson

1796-1867
K2W2-V17

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Joseph Harje Company

Departed From
Florence, NE
in July 1862

Age at Departure
66 | Traveled for
66
Days

Traveled with a
wagon company



• 15 of 20 •



Discover Joseph, Your Pioneer Relative.



Joseph Sneddton Hunter

1844-1904
KWZ7-FQJ

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Thomas C.D. Howell Company

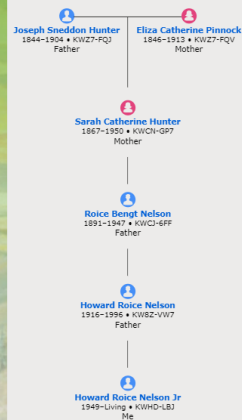
Departed From
Kanesville, IA
in June 1852

Age at Departure
7 | Traveled for
87
Days

Traveled with a
wagon company



• 11 of 20 •



Discover Eliza, Your Pioneer Relative.



Eliza Catherine Pinnock

1846-1913
KWZ7-FQV

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Ansil P. Harmon Company

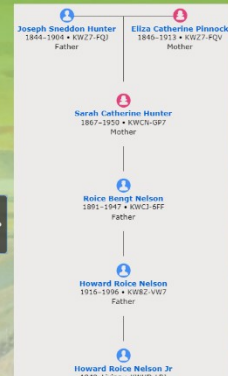
Departed From
Florence, NE
in August 1862

Age at Departure
16 | Traveled for
65
Days

Traveled with a
wagon company




• 2 of 20 •



Lambsons

Discover Almon, Your Pioneer Relative.



Almon Marion Lambson
1852-1921
LLQ6-FMM


[View Photos and Stories](#)

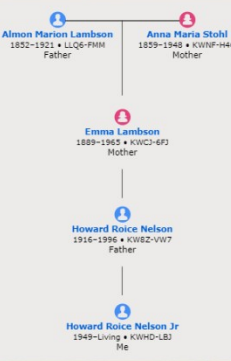
[View Relationship](#)

Traveled with the
Arba L. Lambson Company

Departed From
Florence, NE
in **January 1861**

Departed in
1861

Traveled with a wagon company 



Almon Marion Lambson
1852-1921 • LLQ6-FMM
Father

Anna Maria Stohl
1859-1948 • KWNF-HHG
Mother


Emma Lambson
1889-1965 • KWCJ-6FJ
Mother

Howard Roice Nelson
1916-1996 • KW8Z-VW7
Father

Howard Roice Nelson Jr
1949-Living • KWHD-LB3
Me

• 1 of 20 •

Discover Anna, Your Pioneer Relative.



Anna Hopkins Lambson
1840-1942
KWC4-RRZ


[View Photos and Stories](#)

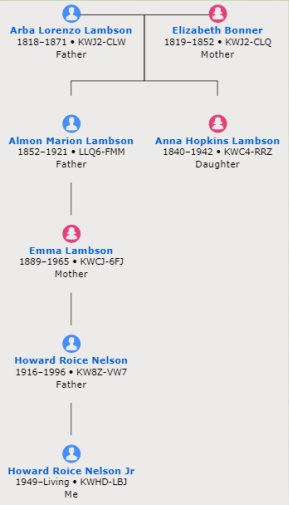
[View Relationship](#)

Traveled with the
Arba L. Lambson Company

Departed From
Florence, NE
in **July 1862**

Departed in
1862

Traveled with a wagon company 



Arba Lorenzo Lambson
1818-1871 • KWJ2-CLW
Father

Elizabeth Bonner
1819-1852 • KWJ2-CLQ
Mother

Almon Marion Lambson
1852-1921 • LLQ6-FMM
Father

Anna Hopkins Lambson
1840-1942 • KWC4-RRZ
Daughter

Emma Lambson
1889-1965 • KWCJ-6FJ
Mother

Howard Roice Nelson
1916-1996 • KW8Z-VW7
Father

Howard Roice Nelson Jr
1949-Living • KWHD-LB3
Me

• 20 of 20 •

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Hafens

Discover Johann, Your Pioneer Relative.



Johann Georg
Hafen

1838-1928
KWCK-Q68

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Sixtus E. Johnson Company

Departed From
Florence, NE
in July 1861

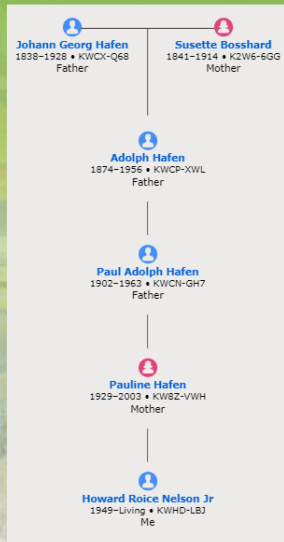
Age at Departure
22

Traveled for
75
Days

Traveled with a
wagon company



• 9 of 20 •



Discover Hans, Your Pioneer Relative.



Hans Georg
Hafen

1803-1864
KWJ2-KKC

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
Sixtus E. Johnson Company

Departed From
Florence, NE
in July 1861

Age at Departure
58

Traveled for
75
Days

Traveled with a
wagon company



• 14 of 20 •



Atkins

Discover William, Your Pioneer Relative.



William Atkin

1859-1941
KW89-FYL

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
George Rowley Company

Departed From
Florence, NE
in **June 1859**

Age at Departure
Infant | Traveled for
89
Days

Traveled with a
handcart company



• 3 of 20 •



Discover Rosetta, Your Pioneer Relative.



Rosetta Stucki

1856-1920
KWNP-B2K

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
William Budge Company

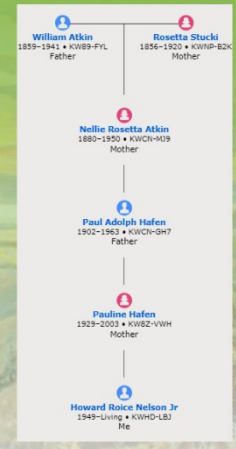
Departed From
Florence, NE
in **July 1860**

Age at Departure
4 | Traveled for
77
Days

Traveled with a
wagon company



• 6 of 20 •



Discover Rachel, Your Pioneer Relative.



Rachel Thompson

1835-1903
KWJ8-QXY

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
George Rowley Company

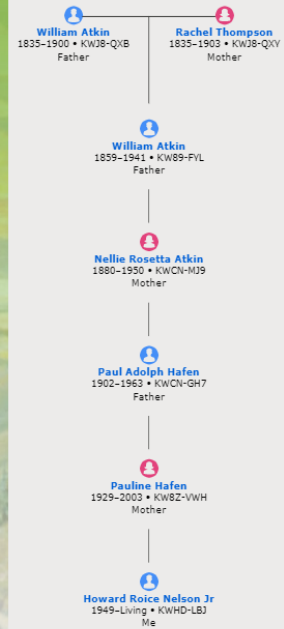
Departed From
Florence, NE
in **June 1859**

Age at Departure
24 | Traveled for
89
Days

Traveled with a
handcart company



• 18 of 20 •



Discover William, Your Pioneer Relative.



William Atkin

1835-1900
KWJ8-QXB

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the
George Rowley Company

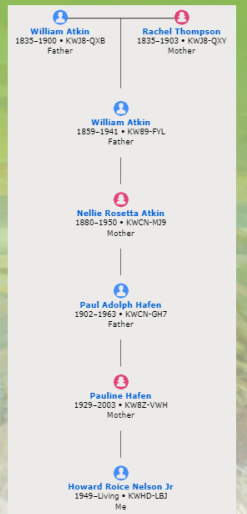
Departed From
Florence, NE
in **June 1859**

Age at Departure
24 | Traveled for
89
Days

Traveled with a
handcart company



• 17 of 20 •



Woolsey & Ashby

Discover Sarah, Your Pioneer Relative.



Sarah Abigail Woolsey
1848-1902
KWJB-XJK

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the David Wood Company

Departed From **Kanesville, IA** in June 1852

Age at Departure **4** Traveled for **106** Days

Traveled with a wagon company



• 10 of 20 •



Discover Richard, Your Pioneer Relative.



Richard Woolsey
1806-1878
KJNV-289

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the David Wood Company

Departed From **Kanesville, IA** in June 1852

Age at Departure **43** Traveled for **106** Days

Traveled with a wagon company



• 19 of 20 •



Discover Clarissa, Your Pioneer Relative.



Clarissa Cole
1827-1885
GJ1V-LJH

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the David Wood Company

Departed From **Kanesville, IA** in June 1852

Age at Departure **25** Traveled for **106** Days

Traveled with a wagon company



• 13 of 20 •



Discover Nathaniel, Your Pioneer Relative.



Nathaniel Ashby
1835-1882
KJNV-877

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the Brigham Young Company

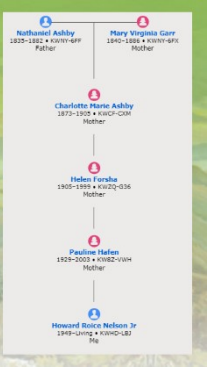
Departed From **Winter Quarters, NE** in June 1848

Age at Departure **13** Traveled for **107** Days

Traveled with a wagon company



• 8 of 20 •



Discover Mary, Your Pioneer Relative.



Mary Virginia Garr
1840-1886
KJNV-87X

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the Jedediah M. Grant - Willard Snow Company

Departed From **Elkhorn River, NE** in June 1847

Age at Departure **6** Traveled for **107** Days

Traveled with a wagon company



• 7 of 20 •



Discover Susan, Your Pioneer Relative.



Susan Hammond
1808-1851
GJ2P-Q16

[View Photos and Stories](#)

[View Relationship](#)

Traveled with the Brigham Young Company

Departed From **Winter Quarters, NE** in June 1848

Age at Departure **39** Traveled for **107** Days

Traveled with a wagon company



• 16 of 20 •



These pioneers found and joined The Church of Jesus Christ of Latter-Day Saints. They laid their lives on the line to cross to the Rocky Mountains in Wagons or pulling handcarts, because of their testimony. What do we do to find and demonstrate testimony?

Witnessing Truth:

The Nature of Members of the Godhead, of Angels, and of Satan, as their names and attributes are used in The Book of Mormon

H. Roice Nelson, Jr.

15 June 2019

On March 1st, 1842, at the request of Mr. John Wentworth, editor and proprietor of *The Chicago Democrat*, Joseph Smith, the founder and first prophet of The Church of Jesus Christ of Latter-Day Saints wrote a letter describing the rise, progress, persecution, and faith of the Latter-Day Saints. This letter includes [the 13 Articles of Faith](#), the first of which states: “We believe in God, the Eternal Father, and in His Son, Jesus Christ, and in the Holy Ghost.” What is the nature of these beings? Why is it important to know the nature of these beings?

On April 2nd, 1843 Joseph Smith gave items of instruction recorded as [Section 130 of The Doctrine and Covenants. Verse 22](#) states “The Father has a body of flesh and bones as tangible as man’s; the Son also; but the Holy Ghost has not a body of flesh and bones, but is a personage of Spirit. Were it not so, the Holy Ghost could not dwell in us.” Just prior to this, on February 9th, 1843 Joseph Smith gave these instructions, as recorded in [Section 129 verses 1-3 and 8 of The Doctrine and Covenants](#): “There are two kinds of beings in heaven, namely: Angels, who are resurrected personages, having bodies of flesh and bones – For instance, Jesus said: Handle me and see, for a spirit hath not flesh and bones, as ye see me have. Secondly: the spirits of just men made perfect, they who are not resurrected, but inherit the same glory. If it be the devil as an angel of light, when you ask him to shake hands (with you) he will offer you his hand, and you will not feel anything; you may therefore detect him.”

This witness describes the nature of God, Jesus Christ, The Holy Ghost, Angels, and Satan, as described in The Book of Mormon. If we are to pray to God, in the name of Jesus, to receive answers by The Holy Ghost or by ministering of angels, and not be led astray by Satan, it is important to know the nature of these beings.

The premise is that all scriptures describe the nature of these 5 types of beings. In the Book of Mormon, as well as other books of scripture, we learn all of the names which the prophets who wrote the scriptures have given to these beings. Simultaneously, we learn about the actions and attributes of these beings based on the scriptural context of what they are reported doing. For instance, there are references referring to or implying God has a mind (brains and an intellect), ears, eyes, a mouth, a face, a back, vitals and bowels, arms, hands, gender, legs, feet, and in total a body, which He uses to wield priesthood power. Counting the number of references to these names and titles and the body parts derived from their attributes and actions was done from a version of The Book of Mormon converted to a spread-sheet, which spread-sheet can be downloaded from <http://www.walden3d.com/BoM/>. This effort, in my mind and heart, provides a second witness to [Psalm 115](#) (above) and [Psalm 135](#) (below), each of which witness these truths. This effort is also a unique counter to theological misconceptions perpetuated by the [Nicene Creed](#) and traditional Christianity’s definition of [the Trinity](#). Not knowing the true nature of these beings can keep us from developing a personal relationship and keep us from saying our prayers.

Download full article from: http://www.walden3d.com/BoM/190615_The_Nature_of_Members_of_the_Godhead_Angels_and_Satan.pdf

Notes

2019 Science Camp

- What was best about 2019 Science Camp?

- _____
- _____
- _____

- What would be your ideal 2020 Science Camp Theme?

- _____
- _____
- _____

10th Annual Nelson Grandkids Summer Science Camp

Summary

Tuesday:

1. Eisenhower Park
San Antonio
2. i-Fly

Wednesday:

1. Guadalupe River
State Park
2. Cave Without A
Name & Sound

Thursday:

1. Alamo
2. Riverwalk

Good Times!



Photos + slides will be posted at:
http://www.walden3d.com/photos/Grandkids_Science_Camps/190618-20_Science_Camp

Schedule Monday - Friday

- Monday, 17 June 2019
 - Arrive at Melanie's or San Antonio Airport.
 - Kids set up menu's and purchase food.
- Tuesday, 18 June 2019:
 - Breakfast.
 - Eisenhower Park San Antonio, back to Melanie's for lunch.
 - i-Fly, 2 20-minute blocks with two 1-minute flights for each person.
 - Science Presentations with Dutch Oven and guitar at Melanie's.
- Wednesday, 19 June 2019:
 - Breakfast, 8:00 Guadalupe River State Park.
 - No food because of bees, back to Melanie's to eat.
 - 6-9:00 PM Cave Without A Name in Bourne, Texas.
 - Rob teaching acoustics and guitar.
- Thursday, 20 June 2019:
 - Breakfast & Fun Run, Neighborhood swimming pool.
 - San Antonio to Alamo: Scavenger Hunt; Wax Museum, Ripley's Believe It or Not.
 - Lunch or Dinner on the Riverwalk
- Friday, 21 June 2019:
 - Kendall's operation and everyone leaves.

Eisenhower Park, San Antonio

Japanese Tea Garden



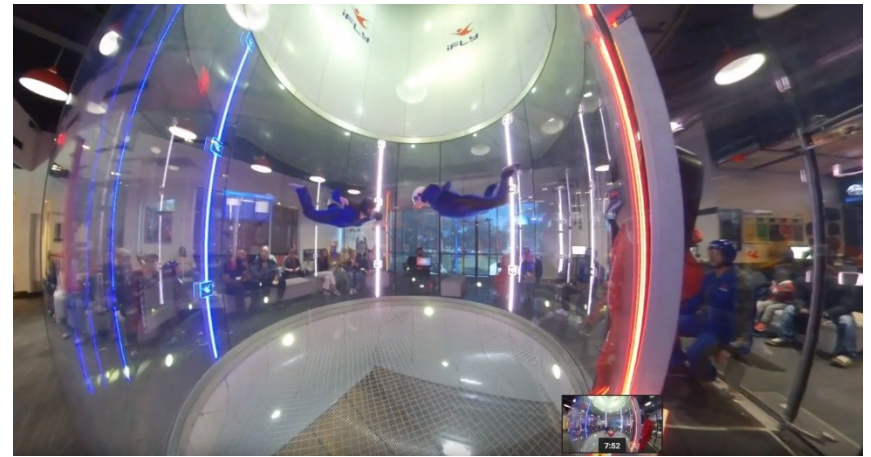
Benavides Park [Facilities](#) / [All Parks & Facilities](#) / [Parks & Facilities Details](#)

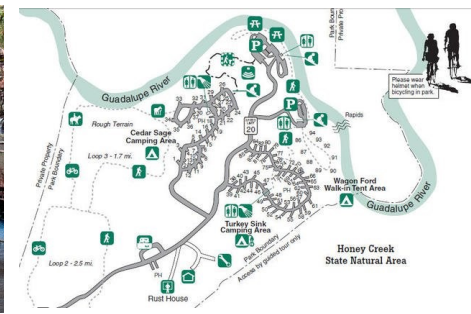


Sunken Garden Theater [Parks & Facilities](#) / [Parks & Facilities Details](#)



The Science and Engineering of iFLY





Guadalupe River State Park



The tallest waterfall in the world is Angel Falls, Venezuela with a massive water drop of 979m. That is seriously high! The fall is so long that when summer comes around the water turns into mist before it reaches the stream below. How cool is that?



The valley of Lauterbrunnen in Switzerland is a deep icy area which has formed valley that has an unbelievable 72 waterfalls. The streams flowing from the mountains on either side reach the rocky walls of the valley and off they go on their journey down! The most famous of the waterfalls is the Staubbach Falls less than 1km from Lauterbrunnen village.

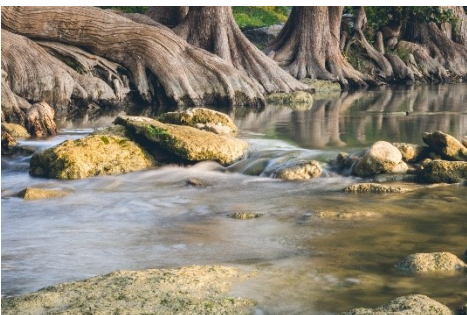
Many waterfalls around the world are used to generate hydroelectric power, which is power that is created from water.

Angel Falls are named after American Pilot Jimmy Angel who flew over them in 1935.

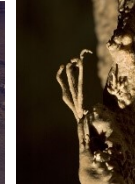
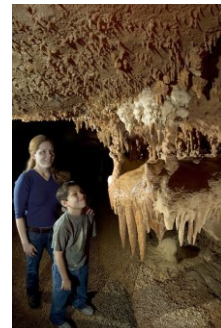
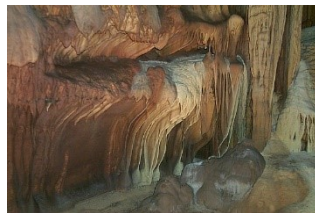
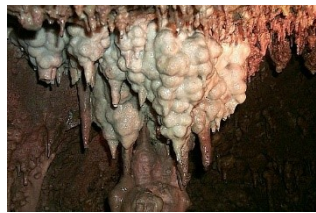
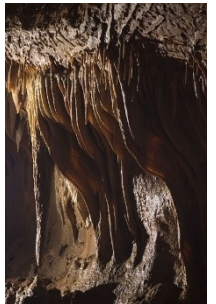
Victoria Falls in Zimbabwe are locally known as 'Mosi oa Tunya' which means 'the smoke that thunders'.

The roar from the Victoria Falls can be heard from over 40km away! No way, that is one powerful waterfall.

Niagara Falls has two falls including the Horseshoe Falls, which are 75m high, and the American Falls at 55m high! No wonder people flock there in their millions!



Cave Without A Name



The Alamo

