

**"TO PROVIDE AN OPPORTUNITY
FOR RECENTLY FREED SLAVES OF
THE MOUNT PLEASANT AREA TO
LEARN TO LIVE AS FREE MEN AND
WOMEN WITH A DESIRE FOR BETTER
LIVING, HIGH IDEALS AND GOOD
CITIZENSHIP, AND TO MAKE
WORTHWHILE CONTRIBUTIONS."**

SC LAING

ESTABLISHED IN
1866

BEGAN AT
M.P. PRESBYTERIAN
CHURCH

STARTED
WITH
50
STUDENTS

FOUNDED BY
**CORNELIA
HANCOCK**

are all Learners;
are all Teachers.

MOVED TO
BENNET AND
VENNING
STREETS
IN OCTOBER
1866

MOVED AGAIN TO
KING AND
COMMON
STREET
IN **1868**

EARTH
QUAKE
HITS IN
1886

AND LAING IS
REBUILT
NAMED AFTER
HENRY M.
LAING



MOUNT PLEASANT
PRESBYTERIAN CHURCH
School for Freedmen
Construction was aided by
the congregation of the
Presbyterian Church

Now how
it's well in
the sun
I'm

11/2/21

0 = PROPERTY
NUMBER

Chemical Formula:
 $\text{SiO}_2 \cdot \text{nH}_2\text{O}$

BIRTH MONTH:

OCTOBER

BIRTHSTONE:

OPAL

UTILITY:

- MAINLY USED IN CONSTRUCTION TO BE ABRASIVES, CERAMIC INGREDIENTS, INSULATION, FILLERS, ETC.

Where OPAL IS FOUND

CRYSTAL OPAL

Beliefs:

- MEANT TO BE GOOD LUCK, BUT ONLY FOR THOSE BORN IN OCTOBER (OTHERWISE, IT WOULD BE BAD LUCK)
- A SYMBOL OF HOPE, PURITY, AND TRUTH
- DUE TO ITS MANY COLORS, OPAL HOLDS ALL THE POSITIVE PROPERTIES OF COLORED GEMSTONES
- NEVER MEANT TO BE BOUGHT FOR ONESELF. SUPPOSED TO BE RECEIVED AS A GIFT OR ELSE IT'S BAD LUCK

BLACK OPAL

Fire OPAL

LUSTER:

-PEARLY LUSTER: MEANING THAT THE OPAL GIVES OFF A PEARL-LIKE, WHITISH IRIDESSENCE WHEN LIGHT IS REFLECTED OFF OF ITS SURFACE. DUE TO ITS PEARLY LUSTER, OPALS TEND TO BE TRANSPARENT OR SOMewhat SEE-THROUGH.

FRACTURE:

-WHEN OPAL IS BROKEN, ITS FRACTURE TENDS TO BE CONCHOIDAL

-ITS SURFACE IS SMOOTH WITH RIPPLING CURVES, SIMILAR TO A SHELL

Color:

- OPAL MEANS "TO SEE A CHANGE IN COLOR"
- CHANGES WHEN LOOKED FROM DIFFERENT ANGLES (IRIDESCENT)

-CAN BE ALMOST ANY COLOR

-BASE TONE IS USUALLY WHITE, GREY, OR BLACK. THE BLOTTCHES OF COLOR AND SOMETIMES RED, DISPLAYED ON THE BASE TONE CAN BE RED, ORANGE, YELLOW, GREEN, BLUE, PURPLE, BROWN, BLACK, WHITE, OR COLORLESS

STREAK:

-THE POWDER AN OPAL LEAVES IS A WHITE COLOR

HARDNESS:

-5.5-6.5 (MOR'S HARDNESS SCALE)

-ON THE SOFTER SIDE

-FOR REFERENCE, OPAL IS HARDER THAN CORAL AND SOFTER THAN QUARTZ

05



CRYSTALLIZES

intro



COMMISSIONS

SWIPE TO SEE EXAMPLES:



EARLY LIFE

VALENTINA TERESHKOVA WAS BORN ON MARCH 6, 1937 IN MASLENKOVA, RUSSIA. SHE WAS RAISED IN POOR LIVING ENVIRONMENTS. HER FATHER HAD PASSED WHILE FIGHTING IN WAR, LEAVING HER MOTHER TO RAISE VALENTINA ALONG WITH HER

SISTER AND BROTHER ALONE. AFTER HER FATHER'S PASSING, VALENTINA'S MOTHER MOVED HER THREE KIDS TO YAROSLAVL' IN ORDER TO FIND MORE EMPLOYMENT OPPORTUNITIES. STARTING SCHOOL AT THE AGE OF 10, SHE DROPPED OUT AT 16 AND WORKED AT A TEXTILE FACTORY. HOWEVER, SHE CONTINUED TO STUDY THROUGH CORRESPONDENCE COURSES, STUDYING THROUGH MAIL, FROM AN INDUSTRIAL SCHOOL. SOON AFTER, SHE JOINED A LOCAL AVIATION CLUB AND PARTICIPATED IN ABOUT 150 PARACHUTE JUMPS. HER INTEREST IN PARACHUTING HAD LED HER TO VOLUNTEER TO JOIN THE SOVIET SPACE PROGRAM. THE SOVIET UNION PARTICIPATING IN THE SPACE RACE AGAINST THE UNITED STATES. THE SOVIETS WANTED ANOTHER ACHIEVEMENT TO BEAT THE UNITED STATES IN. TO ACHIEVE THIS, THE PROGRAM ACCEPTED TERESHKOVA'S OFFER AS AN OPPORTUNITY TO SEND THE FIRST WOMAN TO SPACE.

PRIMARY SOURCE

"WOMEN IN SPACE" ARTICLE BY VALENTINA TERESHKOVA

"I BELIEVE A WOMAN SHOULD ALWAYS REMAIN A WOMAN AND NOTHING FEMININE SHOULD BE ALIEN TO HER. AT THE SAME TIME I STRONGLY FEEL THAT NO WORK DONE BY A WOMAN IN THE FIELD OF SCIENCE OR CULTURE OR WHATEVER, HOWEVER VIGOROUS OR DEMANDING, CAN ENTER INTO CONFLICT WITH HER ANCIENT WONDERFUL MISSION — TO LOVE, TO BE LOVED — AND WITH HER CRAVING FOR THE BLISS OF MOTHERHOOD. ON THE CONTRARY, THESE TWO ASPECTS OF HER LIFE CAN COMPLEMENT EACH OTHER PERFECTLY."

IN THIS QUOTE, TERESHKOVA'S EXPLAINS HOW THE FEMININITY OF A WOMAN SHOULD ALWAYS FEEL NORMAL. HOWEVER, A WOMAN'S WORKS IN THE STUDY OF SCIENCE/CULTURE SHOULD NOT BE LOOKED DOWN ON OR UNEXPECTED FROM WOMEN AS FEMININITY DOES NOT DEFINE A JOB ONE MUST PURSUE. SHE EMPHASIZES THAT BOTH SHOULD BE RESPECTED.

ACCOMPLISH

-FIRST WOMAN IN SPACE

-FIRST WOMAN COSMONAUT (RUSSIAN ASTRONAUT)

-SERVED IN THE SOVIET WOMEN'S COMMITTEE

-WROTE THE ARTICLE "WOMEN IN SPACE" IN THE AMERICAN JOURNAL IMPACT OF SCIENCE ON SOCIETY

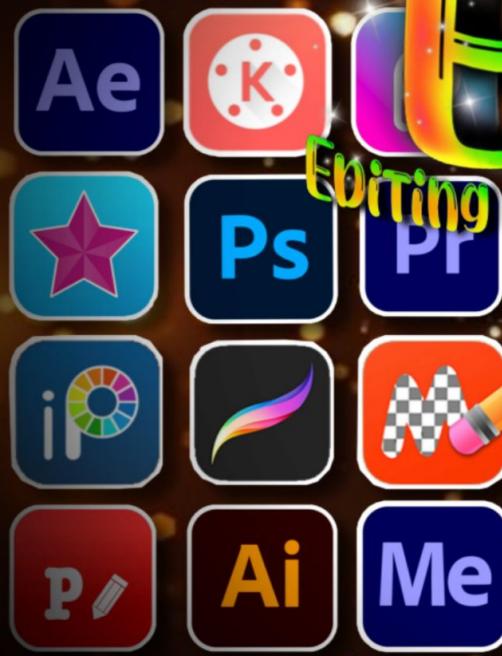
AJ CHALLENGER AND DISNEY GIRLS

REPOST USING *AJCHALLENGER

OF SOLIB
G�eean.0am
READ RULES BELOW:

EDIT BY:
CRYSTALIZE.AJ

My editing
PROGRAMS:



Editing

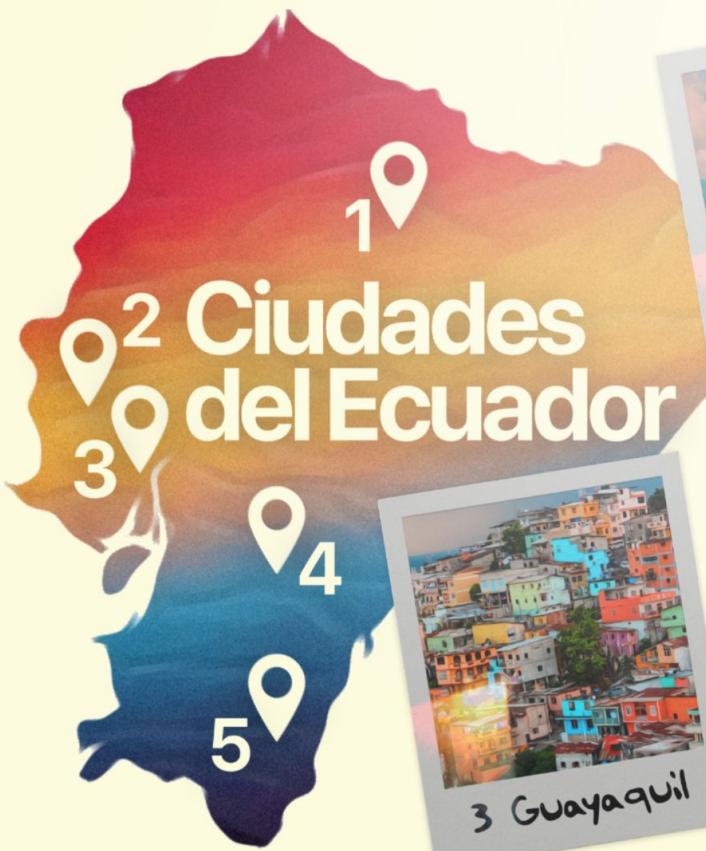
Editing is one of my GREATEST PASSIONS

My editing
PROJECTS:



My editing
PROCESS:





1 2 Ciudades 3 del Ecuador



Electrical

Turbulent air causes particles within a cloud to collide



As the electric field strengthens, negative charges extend toward the ground



Electron transfer creates positively and negatively charged regions

The stepped leader's interactions with the positively charged ground results in an electrical discharge known as lightning

Lightning's high-energy electrons rapidly collide with surrounding air molecules



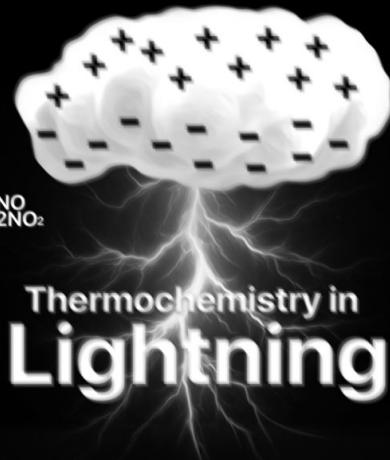
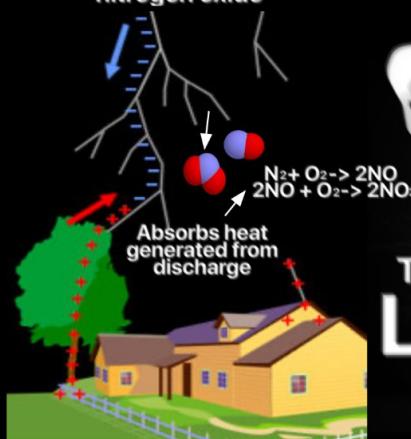
As a result, the increase in kinetic energy transfers heat to the air, causing it to expand

The sudden expansion increases the atmospheric temperature by 50,000 °F!



Molecules rubbing together is what generates heat

Endothermic reactions play a minor role in lightning strikes, as each flash produces nitrogen oxide



Thermochemistry in Lightning

Lightning discharge is a highly exothermic reaction, as it releases a significant amount of heat into the surrounding atmosphere



House being struck by lightning

Energy transfer

Thermal



Brown Girl Dreaming

digital poster

Inferno



9 Circles of the Internet



The Worst Things People Have Done
Behind the Screen



MECHANICAL
MOVEMENTS
RESEARCH



SABER TOOTHED TIGER

BY: SOFIA
CATINDIG
AND SYDNEY
CORLEY

Océano
Pacífico



Océano
Atlántico

Fronteras del Ecuador

Colombia

Peru

Islas Galápagos

