

A scientist is some one who...

1) asks questions
forms a hypothesis



(Devika wanted to learn about volcanos.
(Anand observing and listening.)

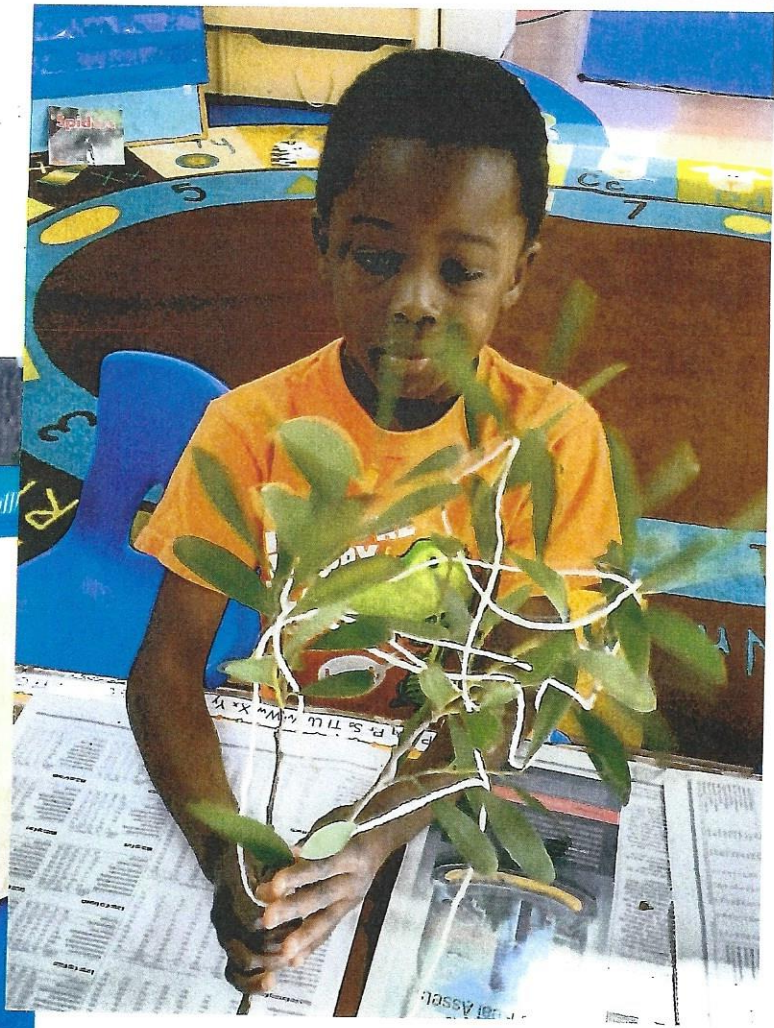
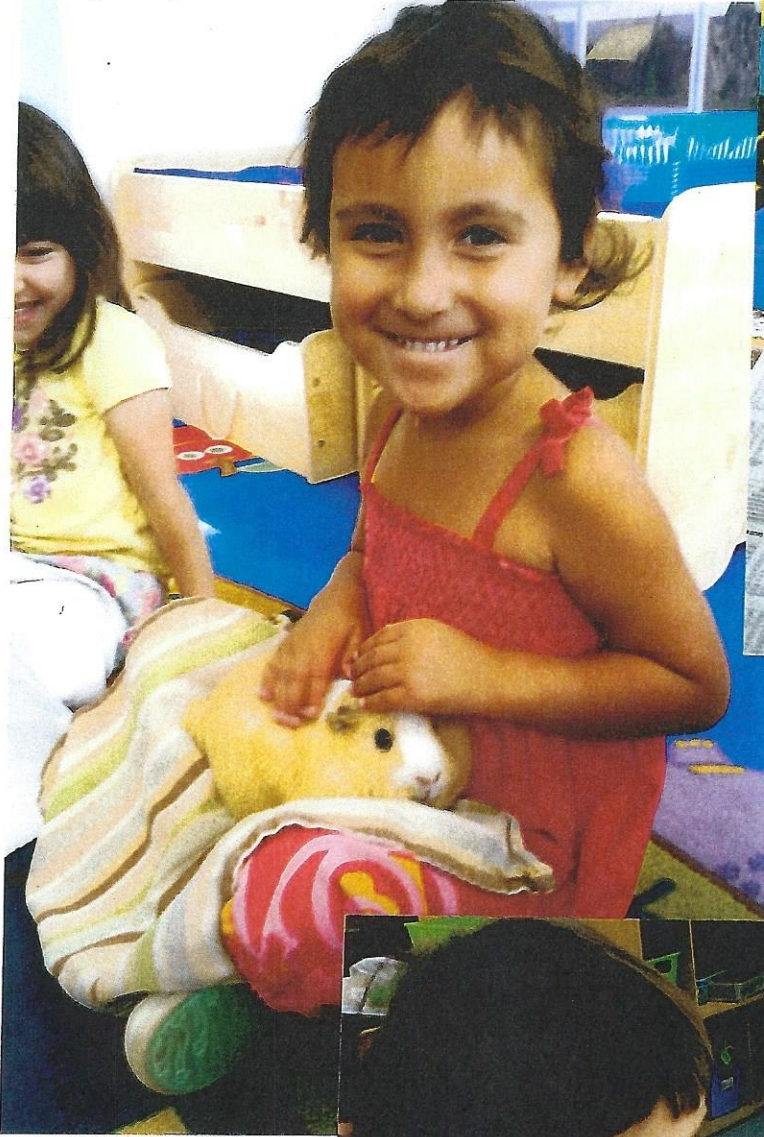


2) learns from her/his senses

(silkworm emerging,
from the cocoon)

3) notices details

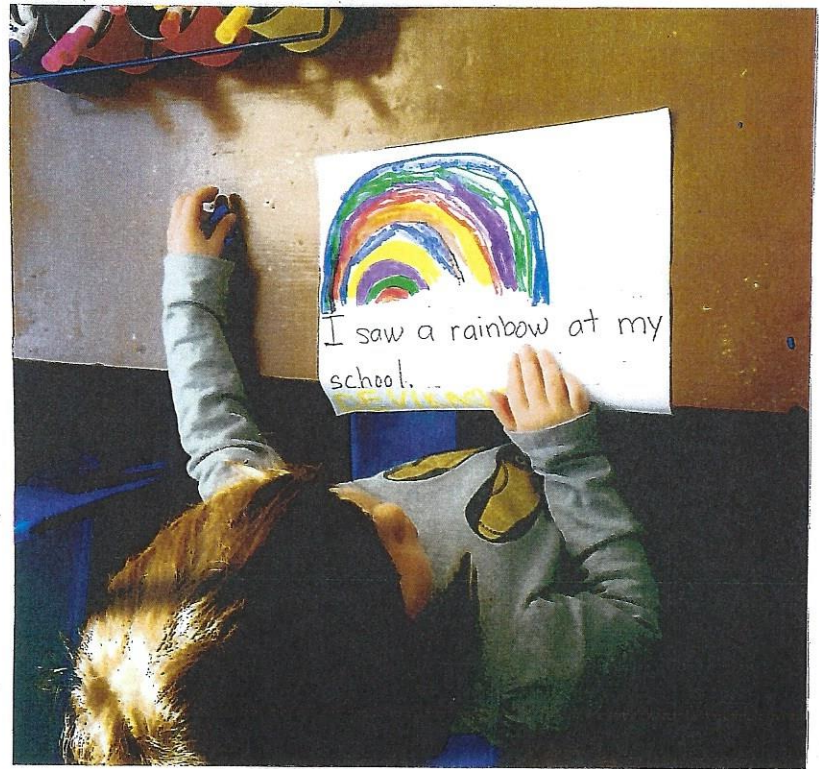
(Nayeli with Autumn.)



Winston and
Gabriel constructing
spider webs.



- 4) draws
- 5) writes

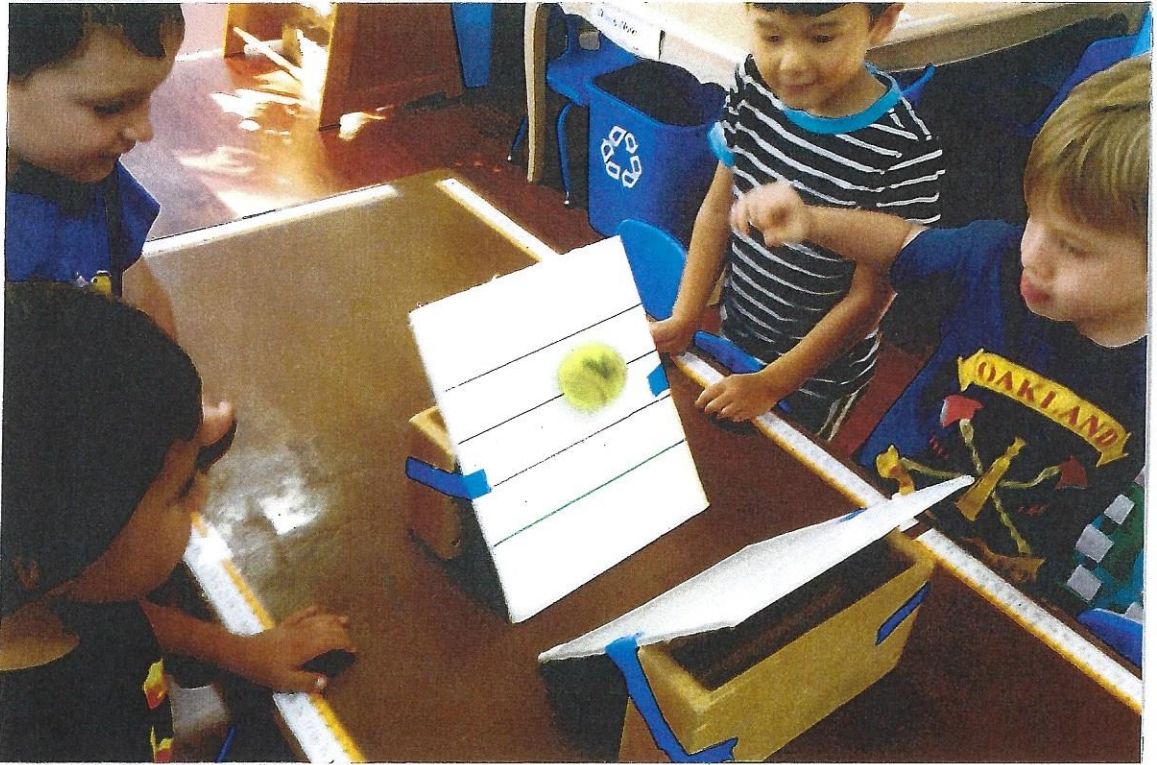


Devika

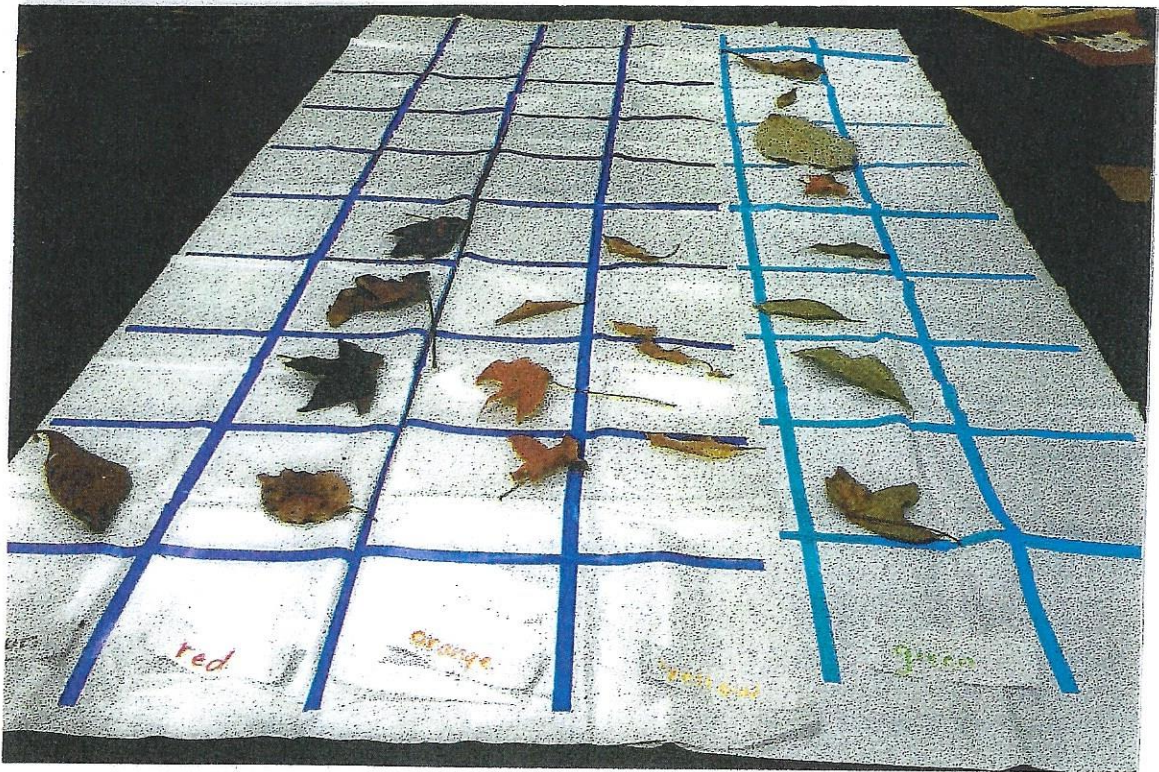


Chaz

Winston



6) measures, counts, sorts



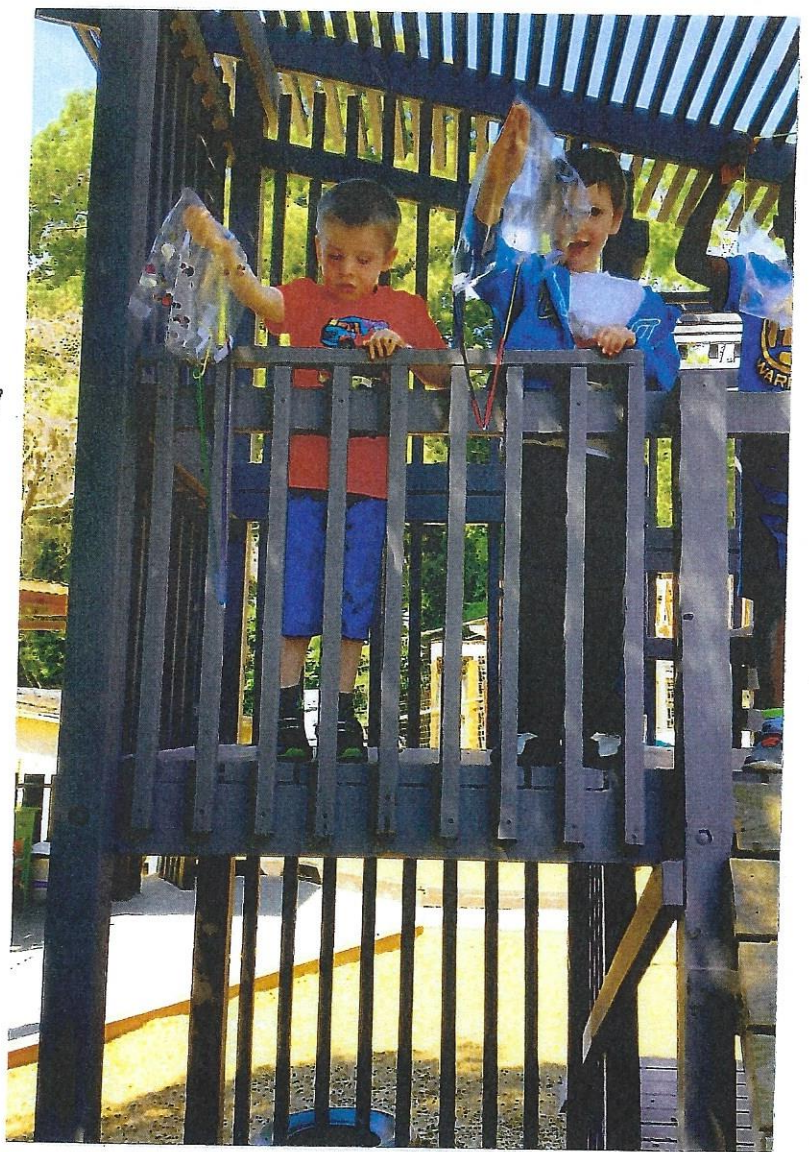
7) tests predictions

tests an hypothesis



- 8) experiments
- 9) thinks logically
- 10) keeps trying
- 11) and has fun!

These are the steps
of the
Scientific method. Quim
&
Chaz



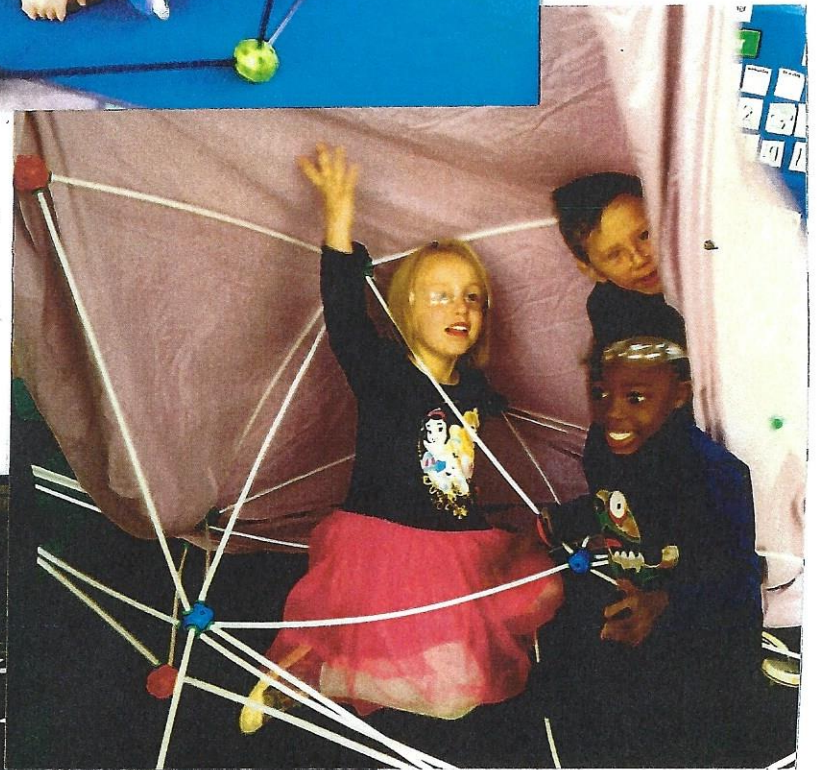
Nayeli
&
Devika



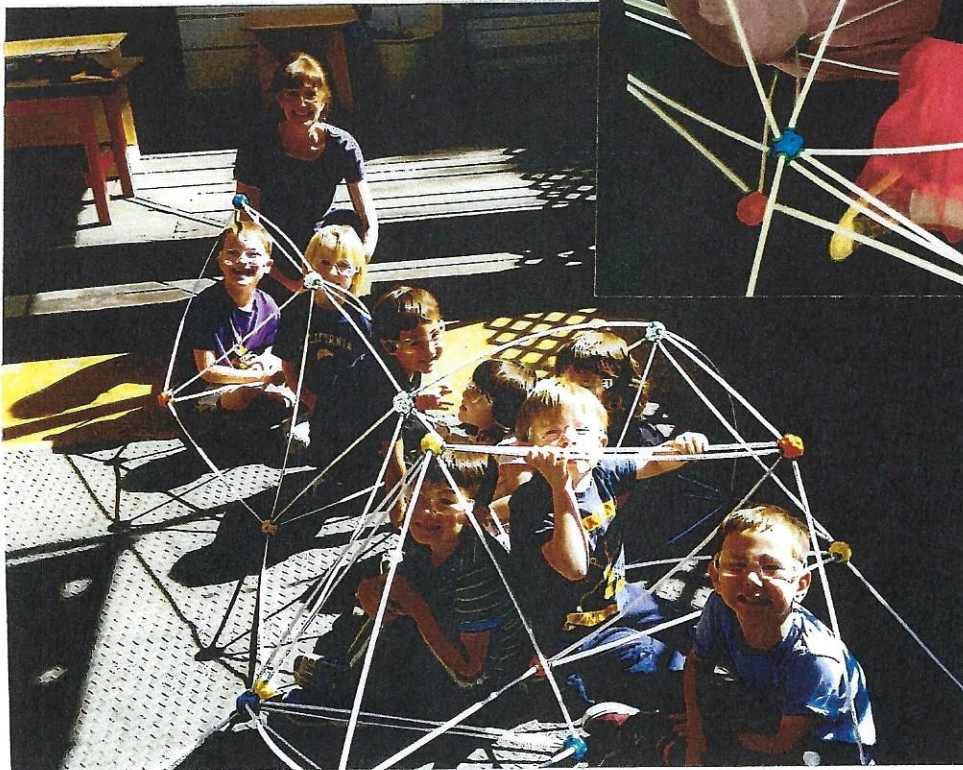


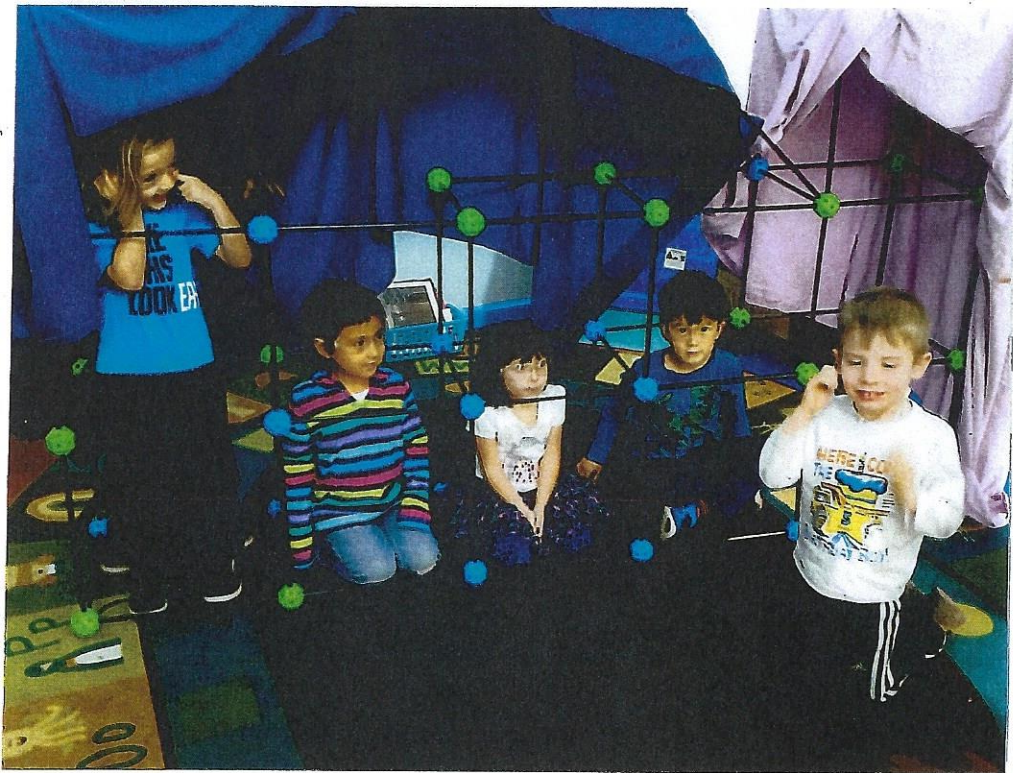
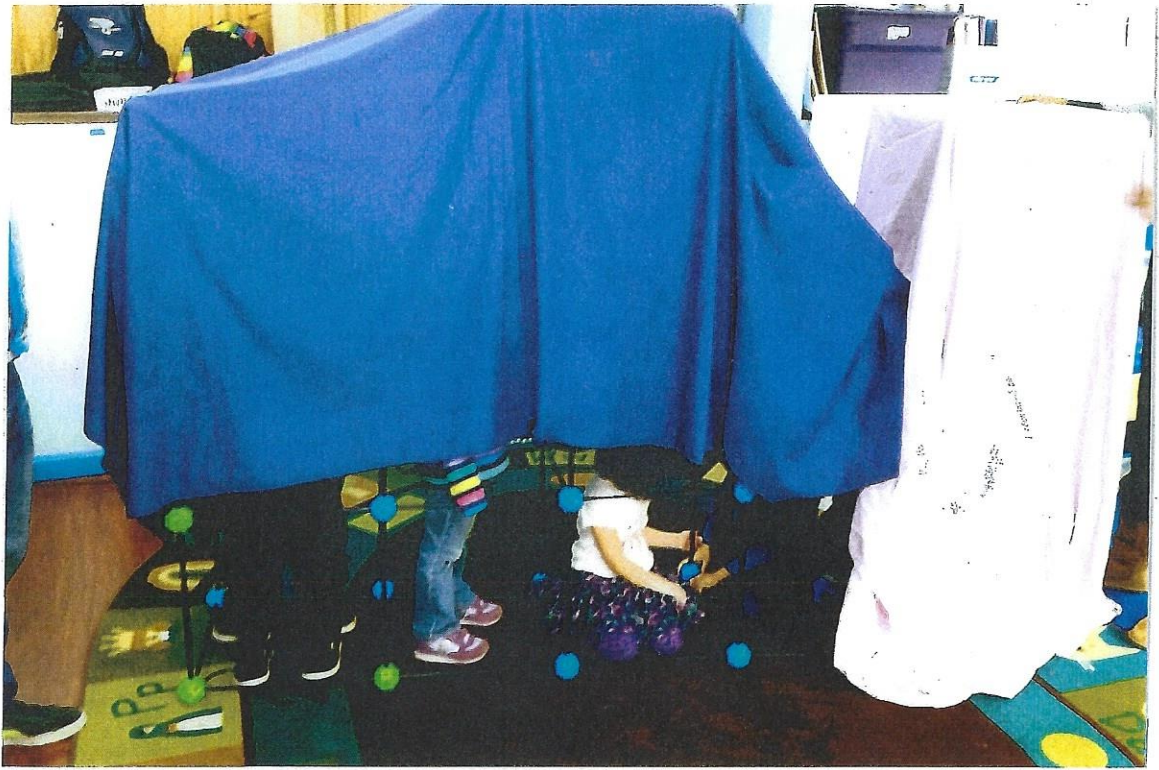
Charz
Jack
Devika

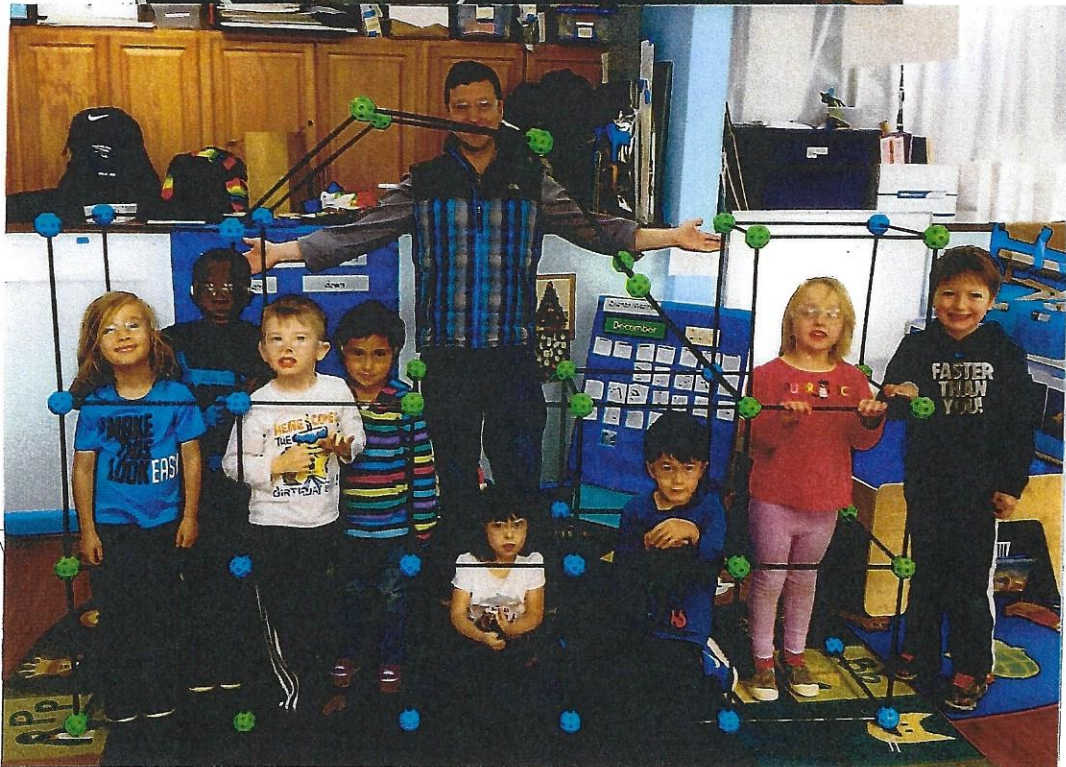
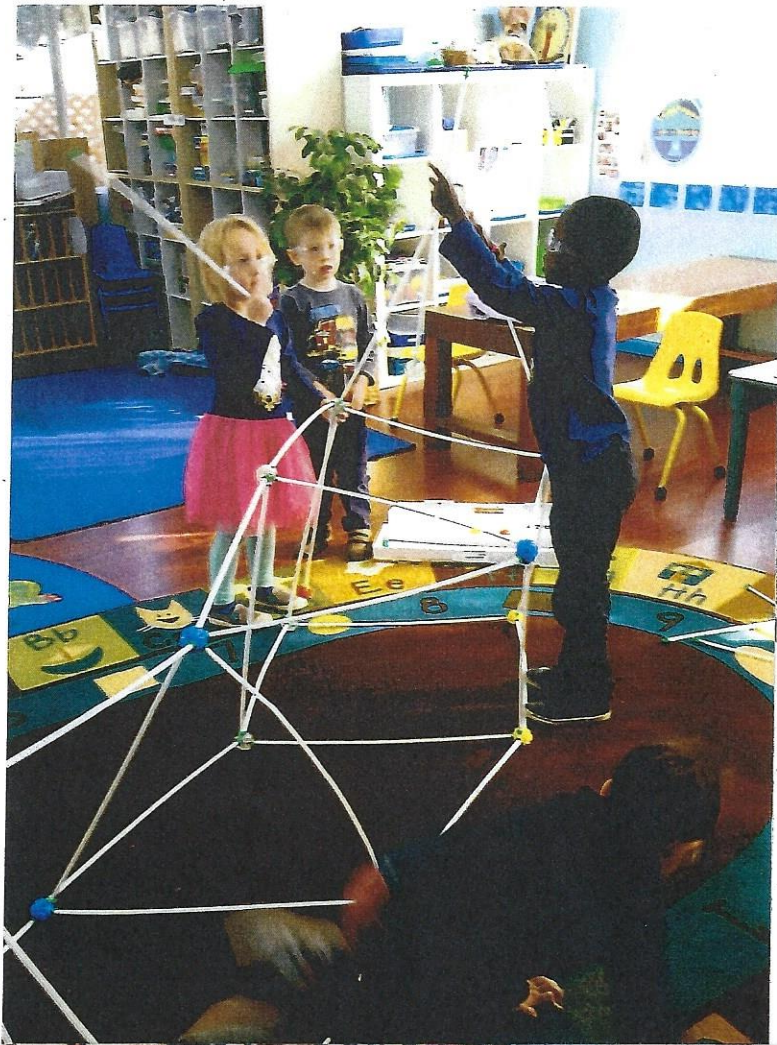
Utilizing the
"Engineering Design Process"
Ask • Imagine • Create
Test • Improve • Re-design



Veronica, Anand
& Winston









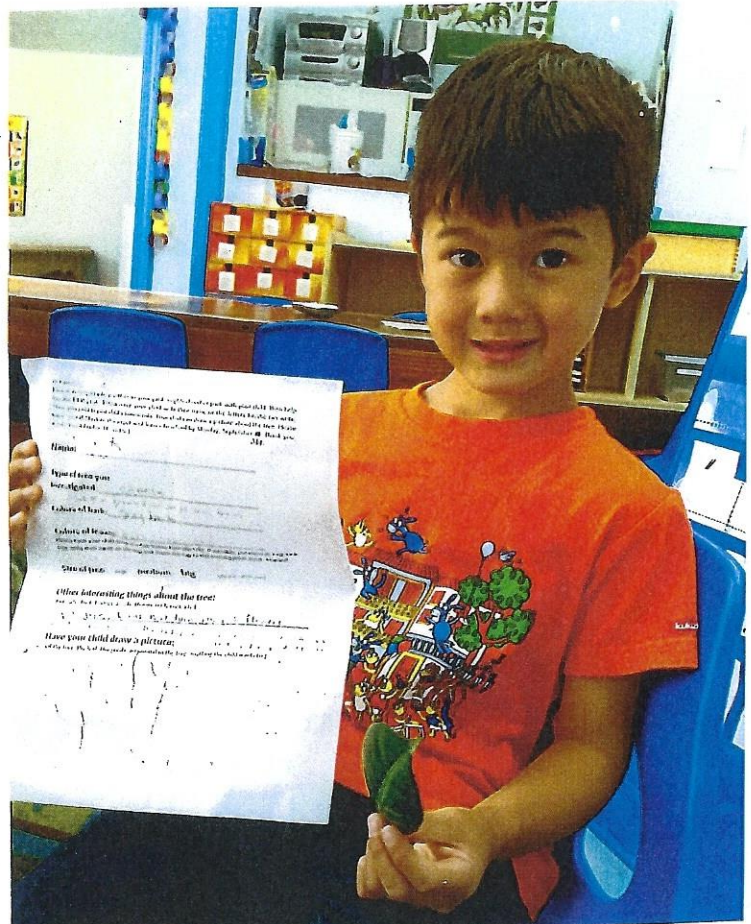
← Char

Devika

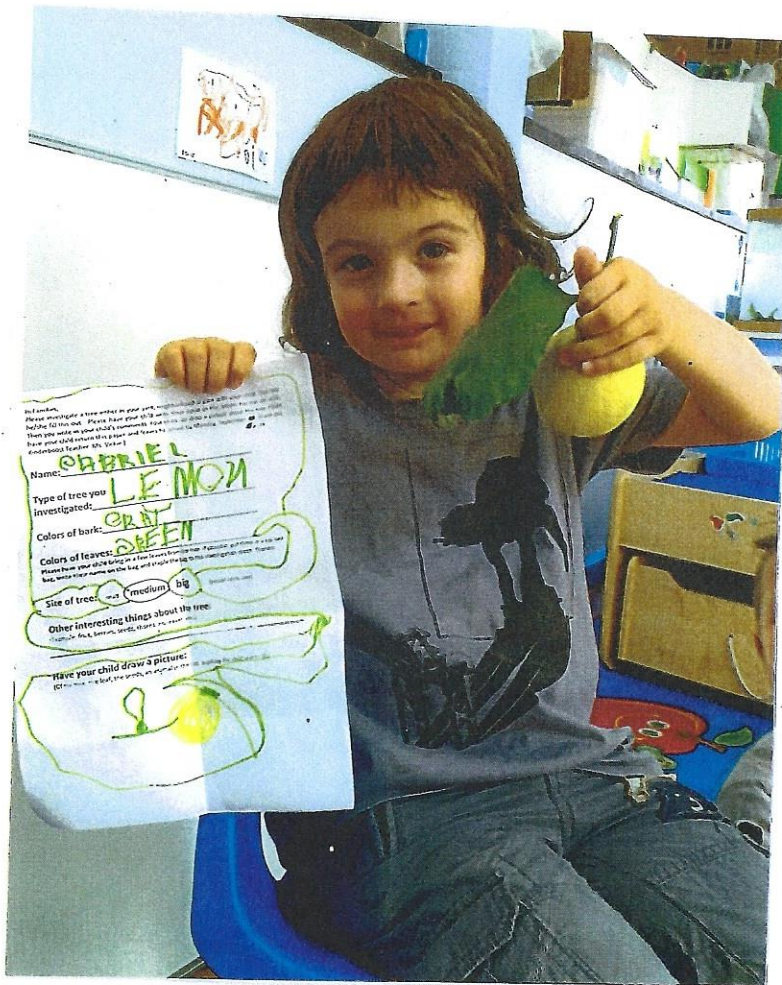
Tree investigations.



Nayeli



Jack



Gabriel



Quinn



We went on a walk and collected leaves.



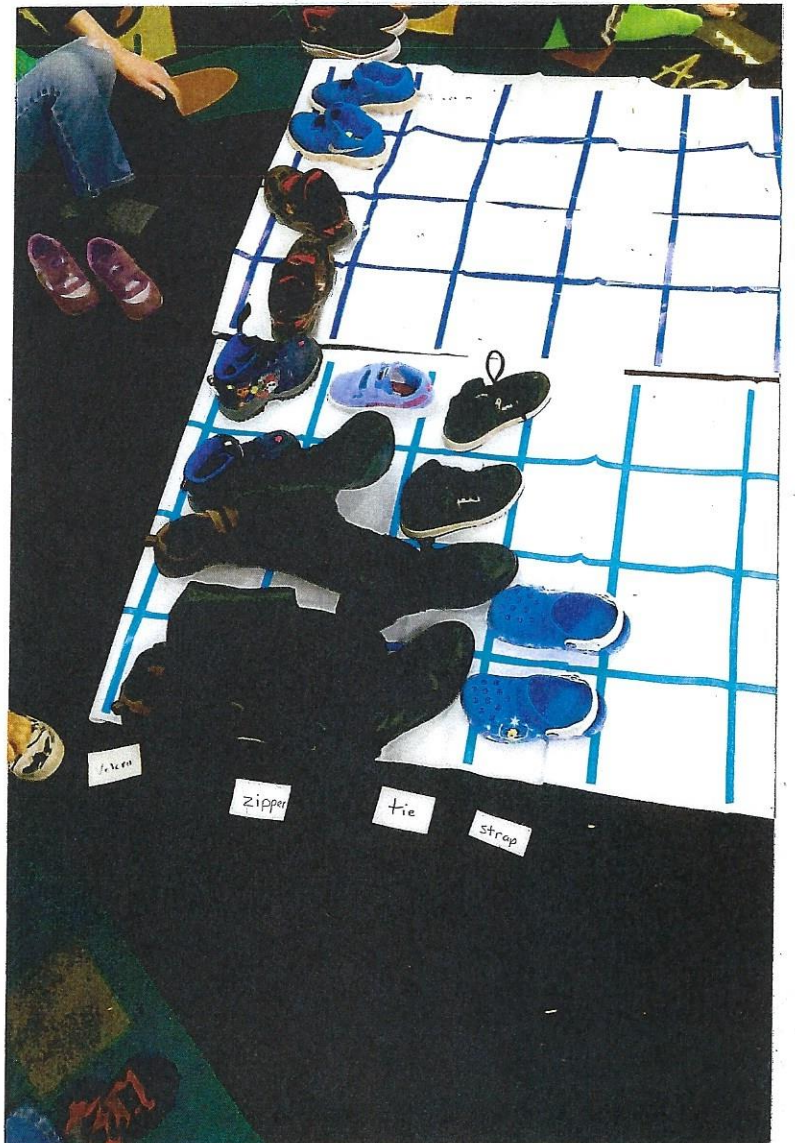
How can we organize our collection of leaves?
 We can use a graph. The children decided
 to graph the leaves by color.

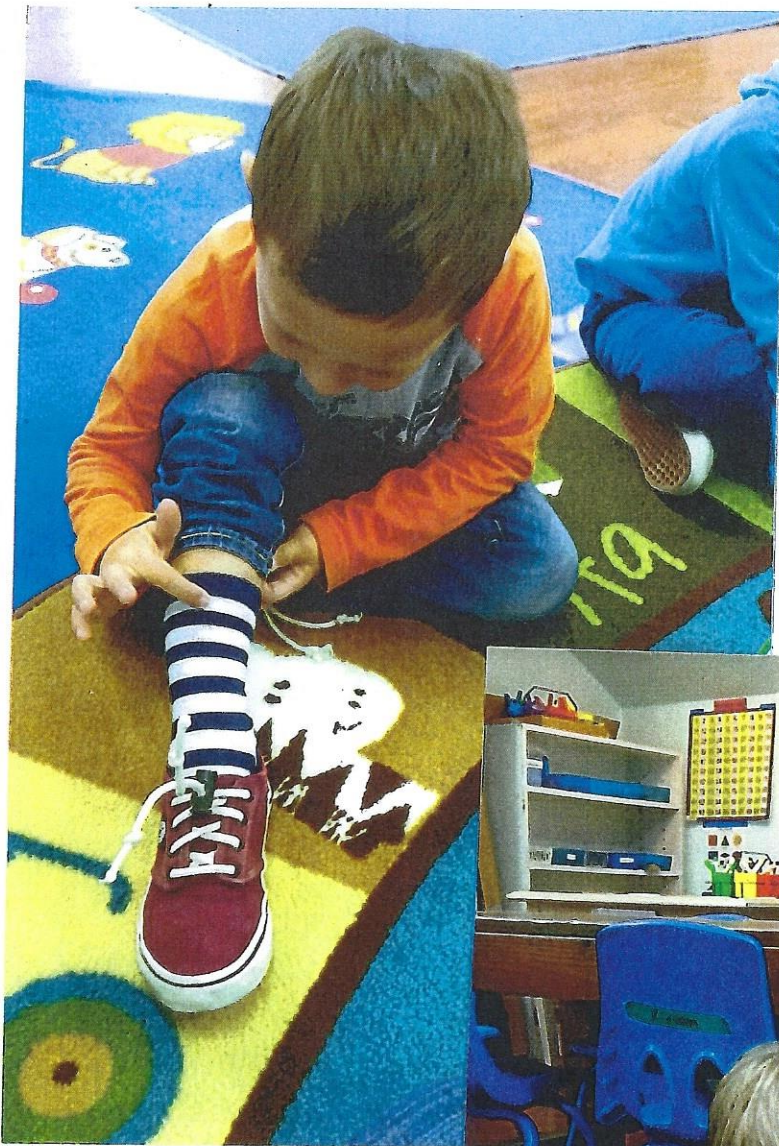
We can use
different graphs
to look at
leaves in a
variety of ways.





Of course...
then we wanted
to analyze
our shoes
by how they
close.



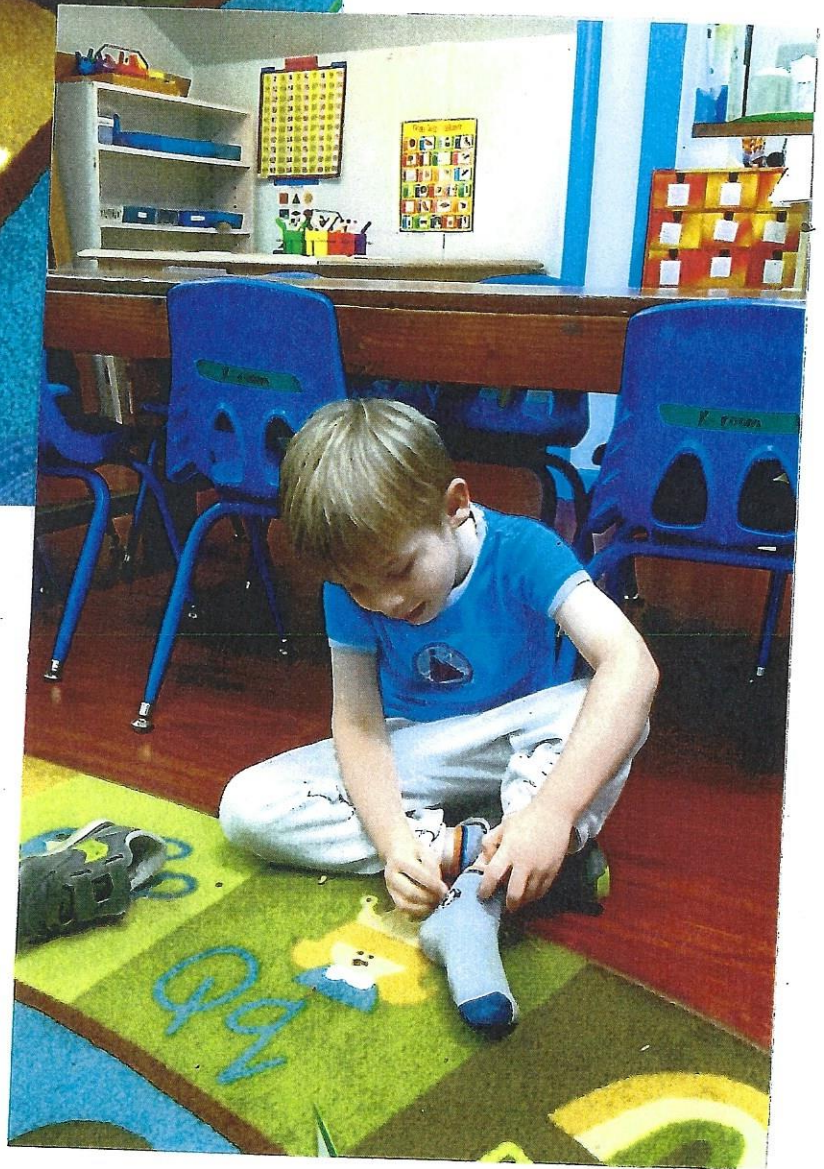


Anand

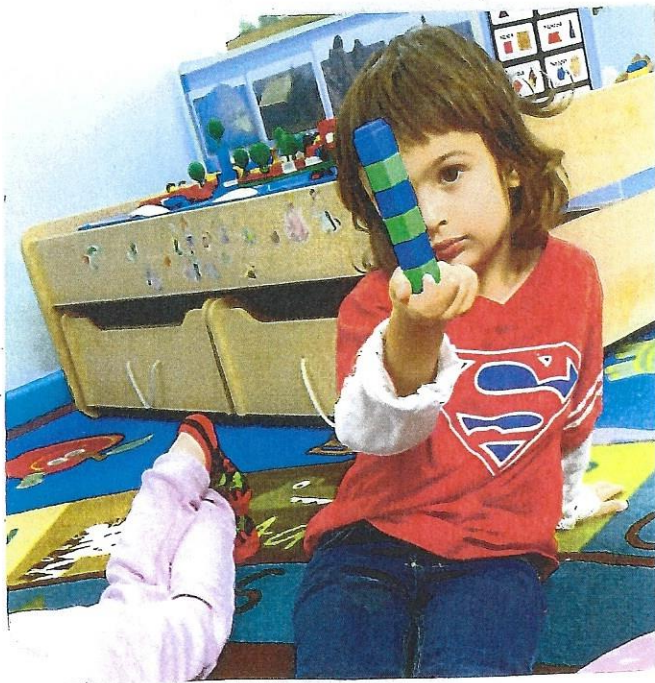
Patterns
repeat
over
and
over.

Patterns

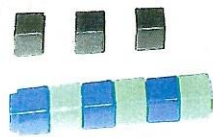
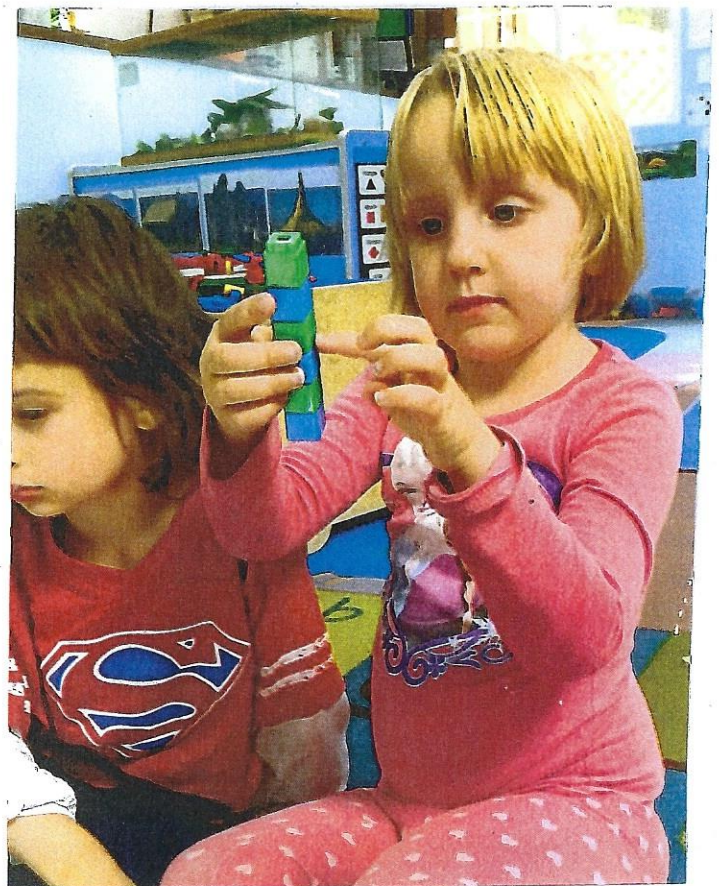
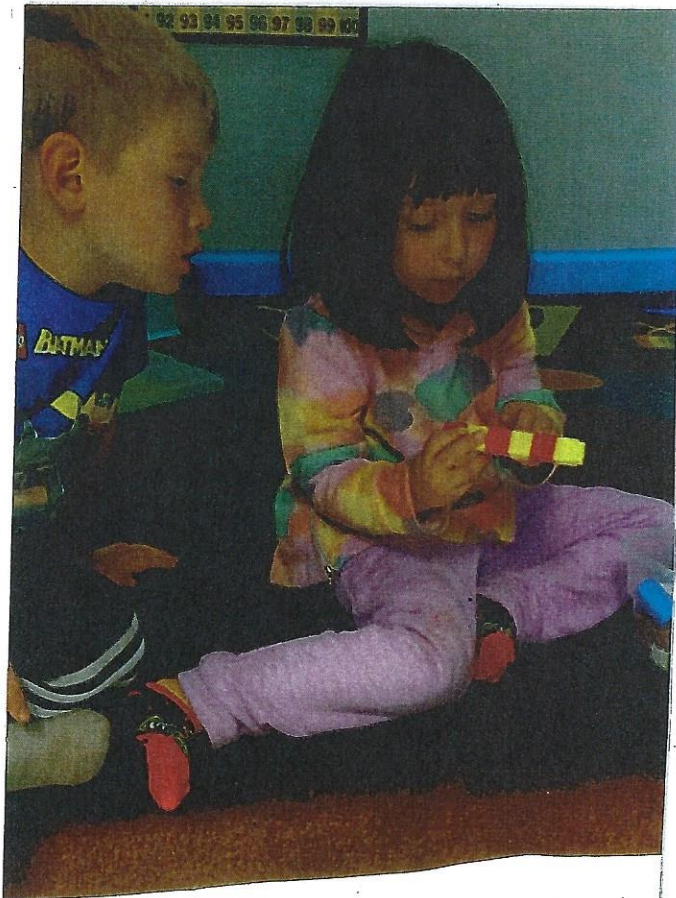
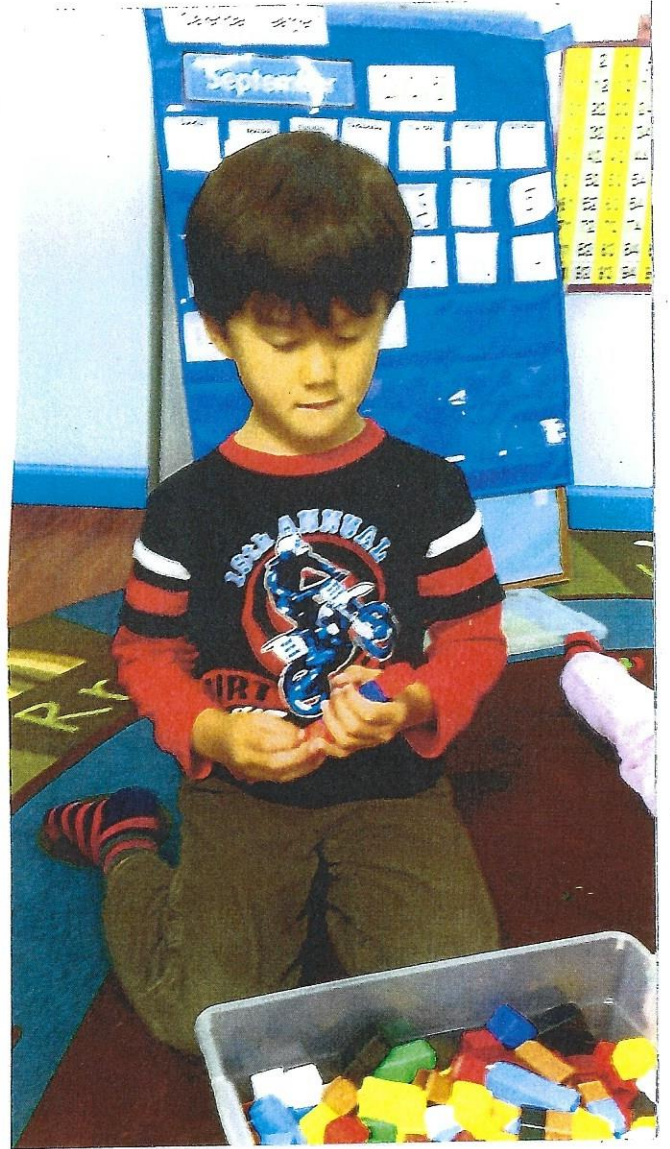
Where do you
find them?



Quinn



Constructing patterns.
Gabriel, Jack, Veronica,
Devika and Quinn.

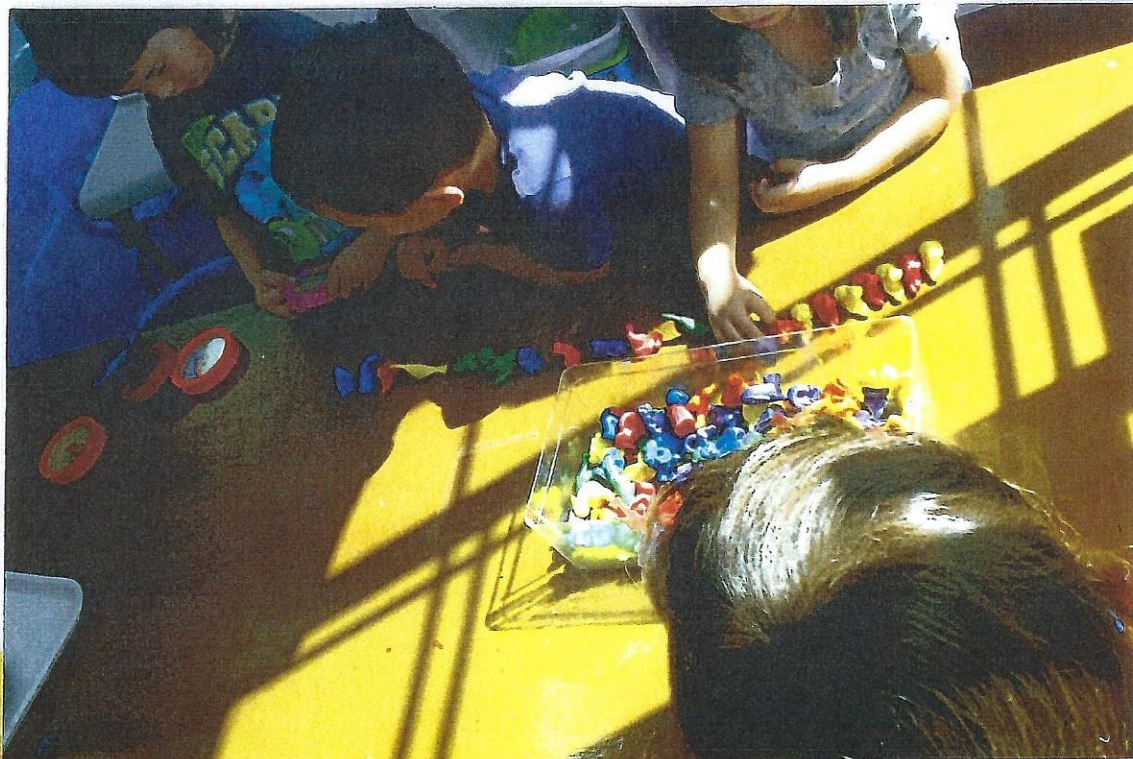




Winston

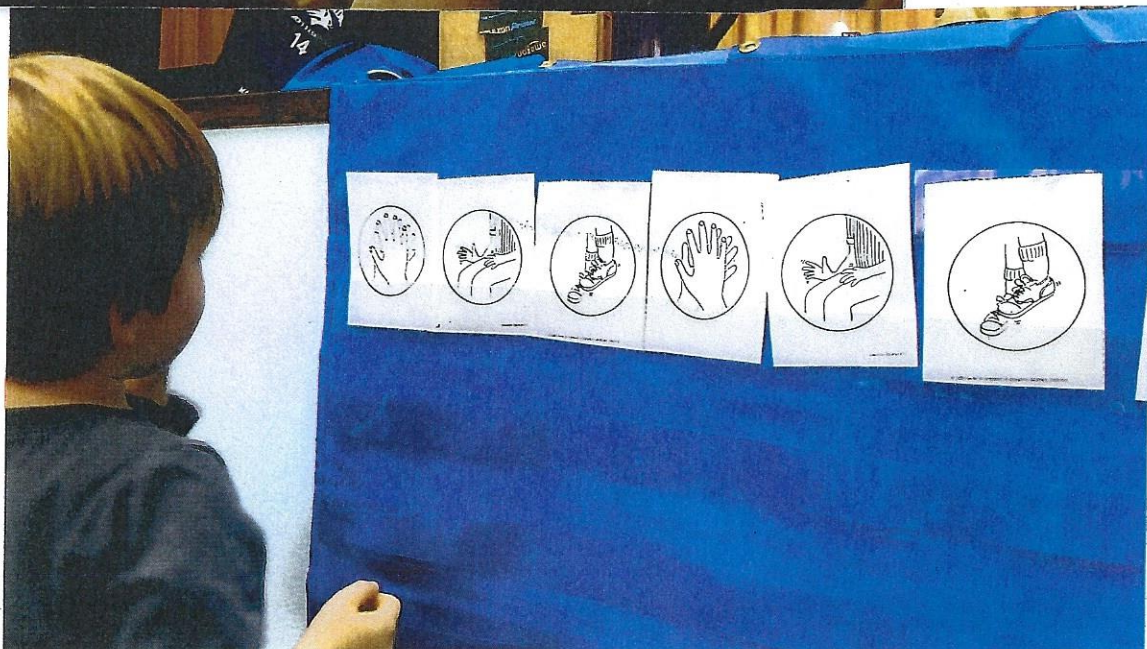


Nayeli



Devika

Quin's
body
pattern.
A sound
pattern.





Making pattern rings with Aja ♡



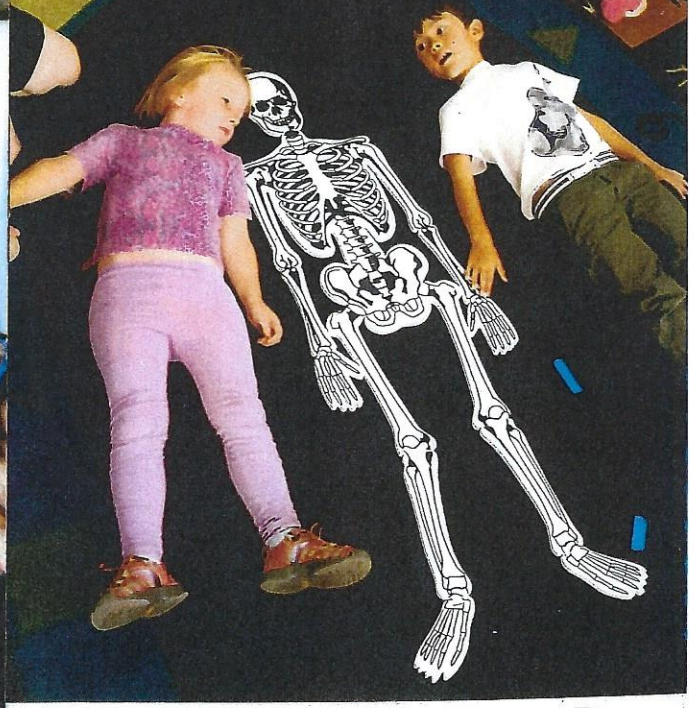
- create a pattern
- make a circle shape
- inside another circle
- tape it

DC This is very difficult



Investigating our bodies... inquiry

Nexeli Devika



Veronica Jack

Quinn



Jack

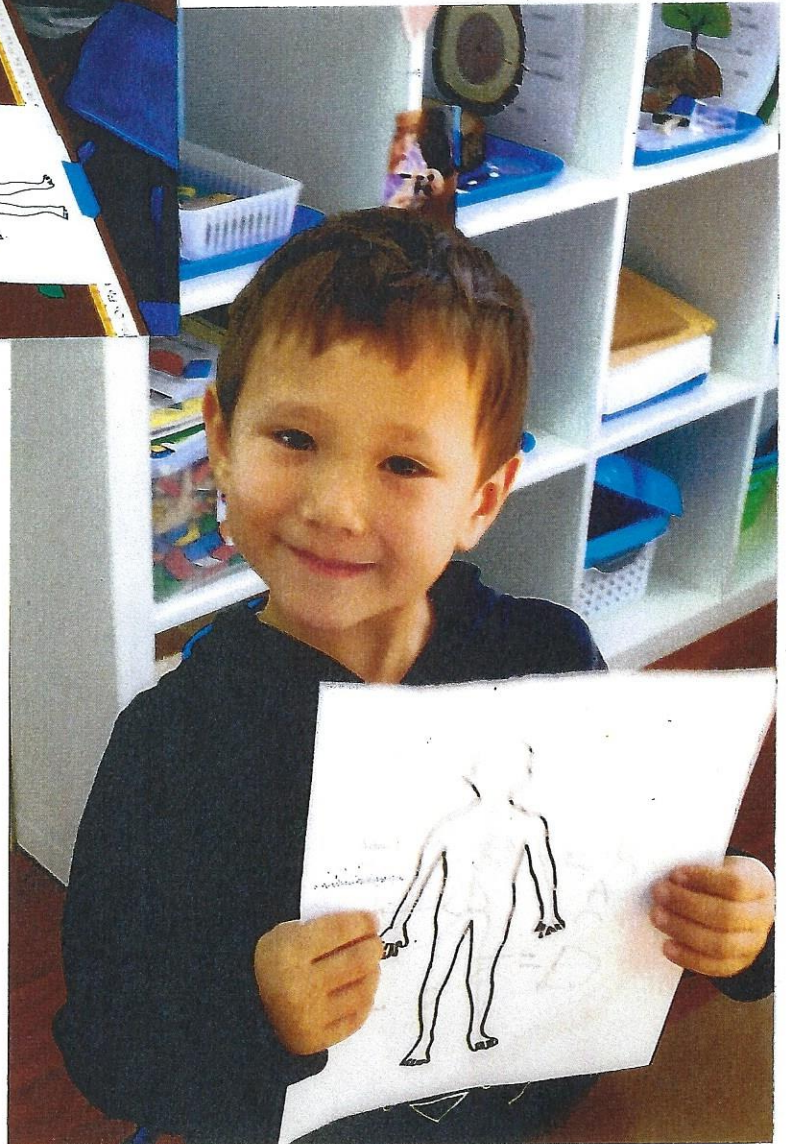
Charz



Devika



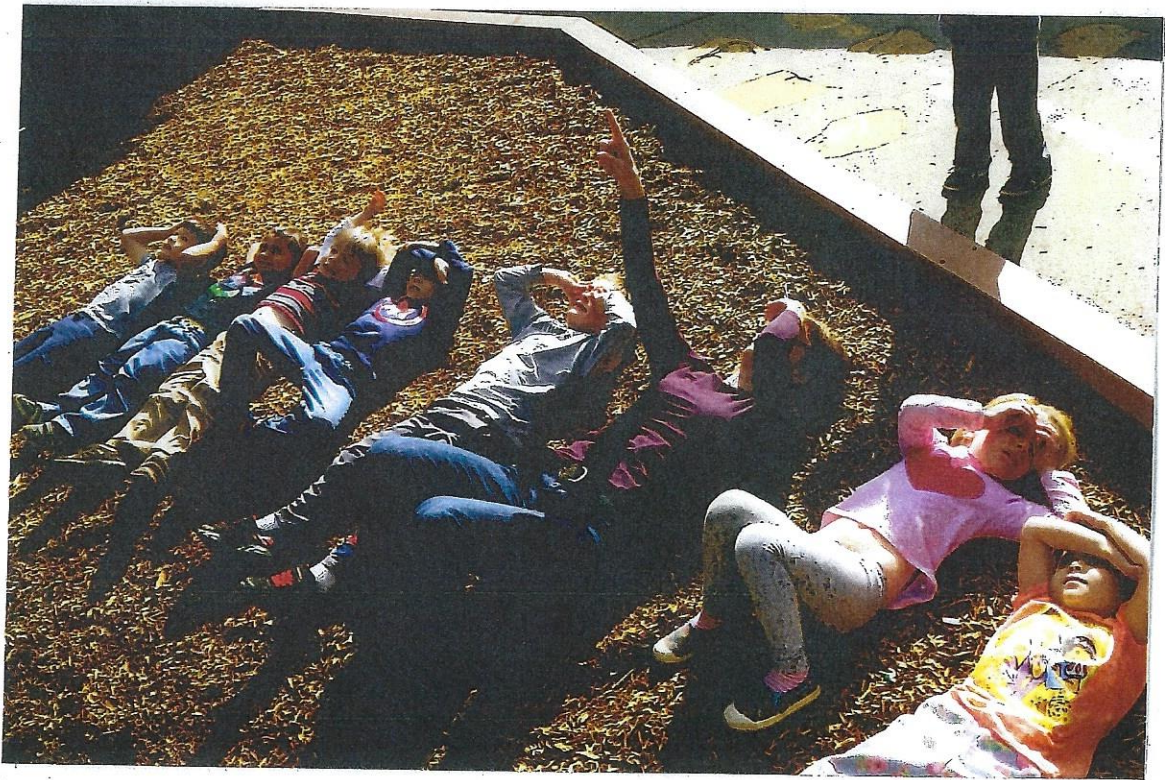
Hands-on science -
authentic discovery!



Documentation
Hard work
Well Done!

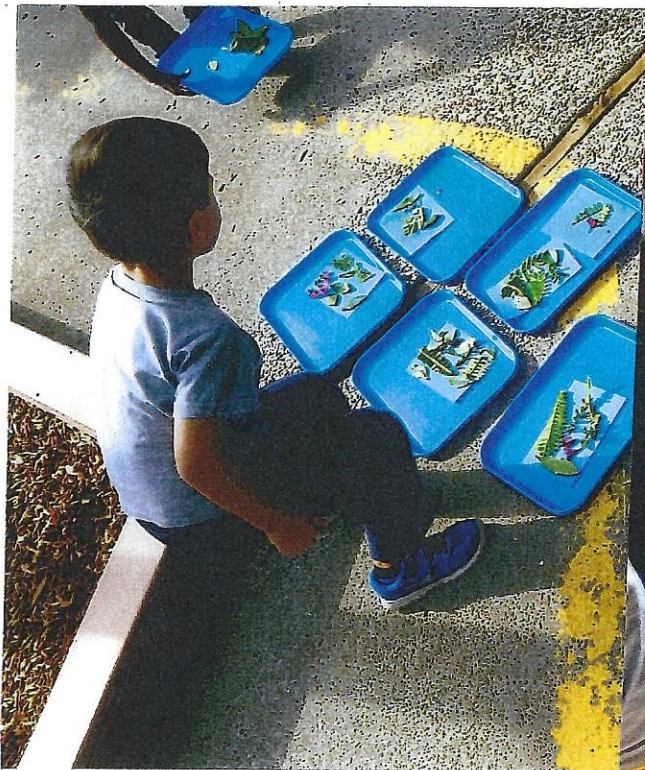
Anand

Light
and energy
comes
from our
star....
the sun.

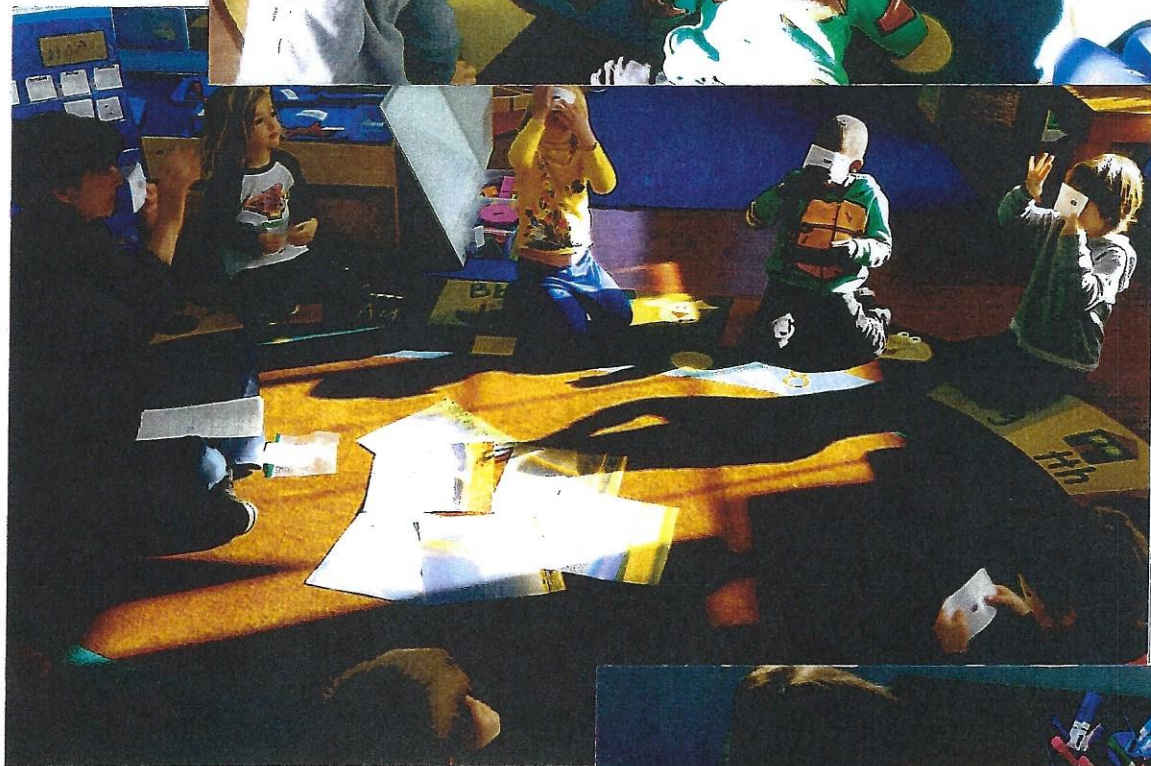


Also watching clouds move, make shapes.

Making sun prints from
the sun's energy and
light.



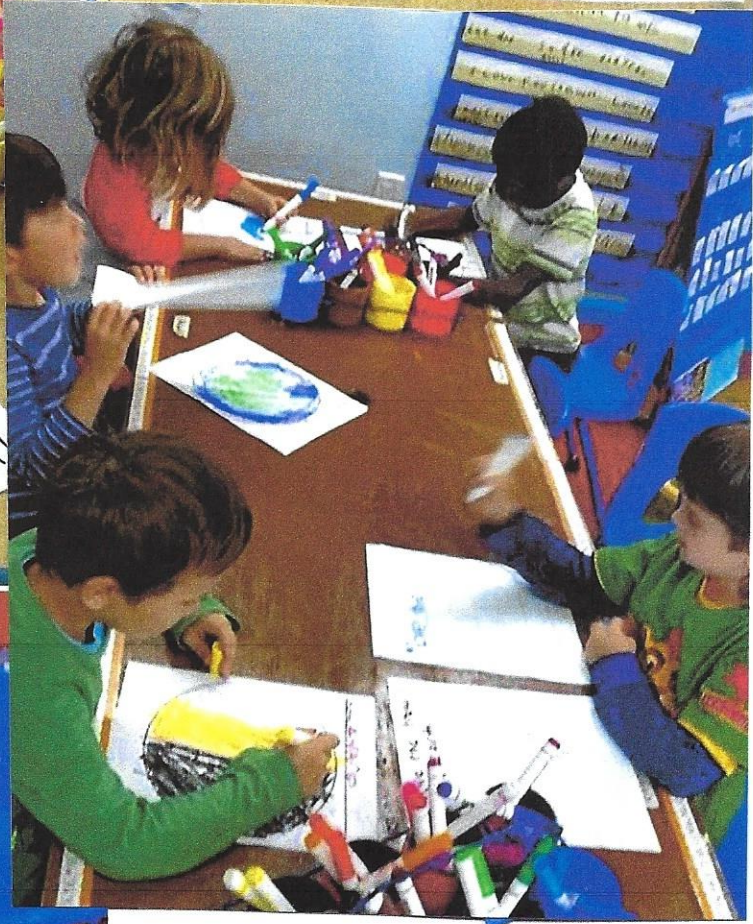
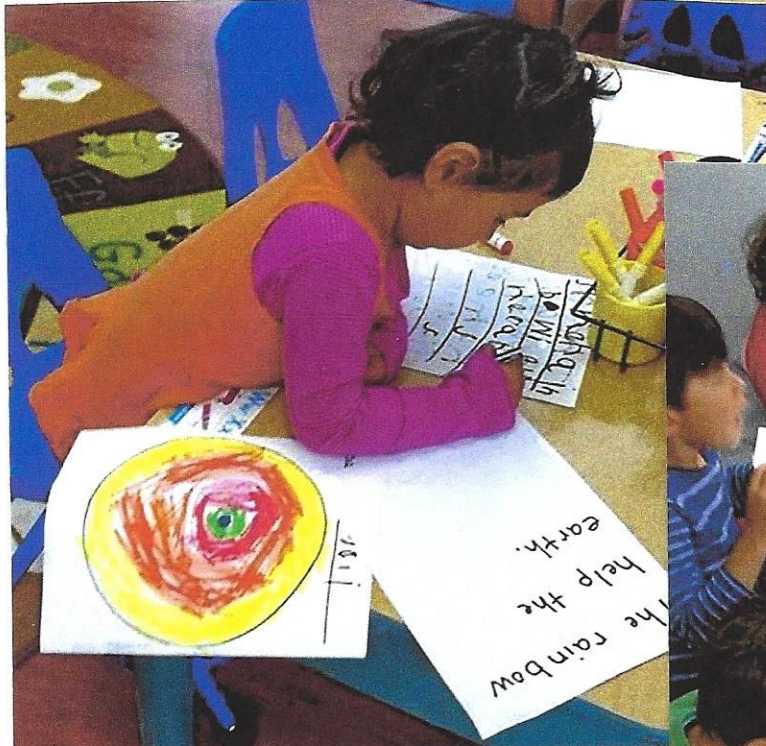
Where have you seen rainbows?
What conditions are needed for a rainbow?
... moisture
... sun light



Using diffraction gratings we explore the wavelength of colors in beams of light

Documenting our ideas.

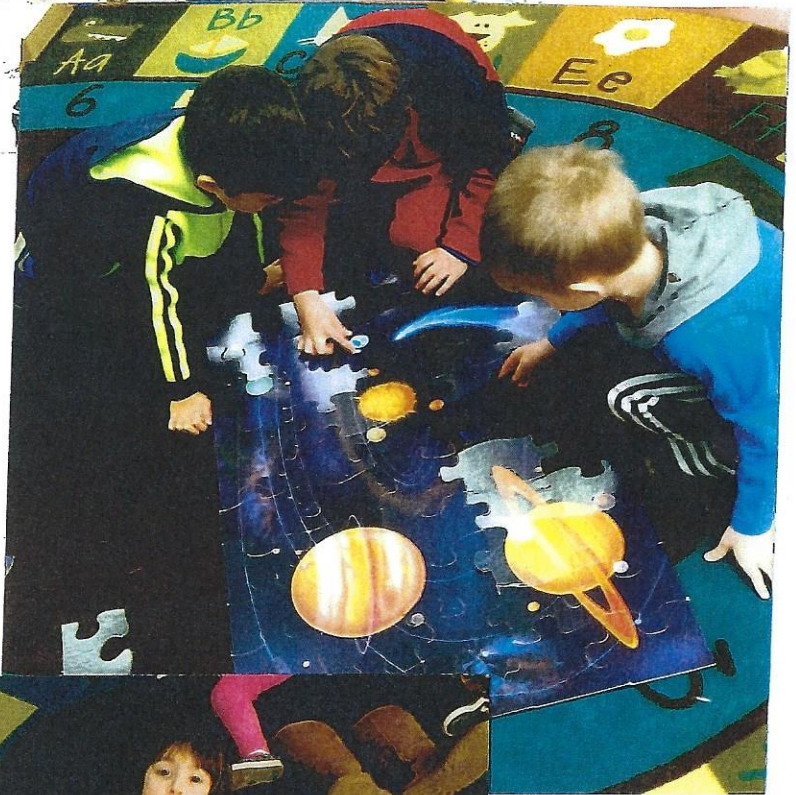




Earth Day...
We love the Earth
Sooo Much!

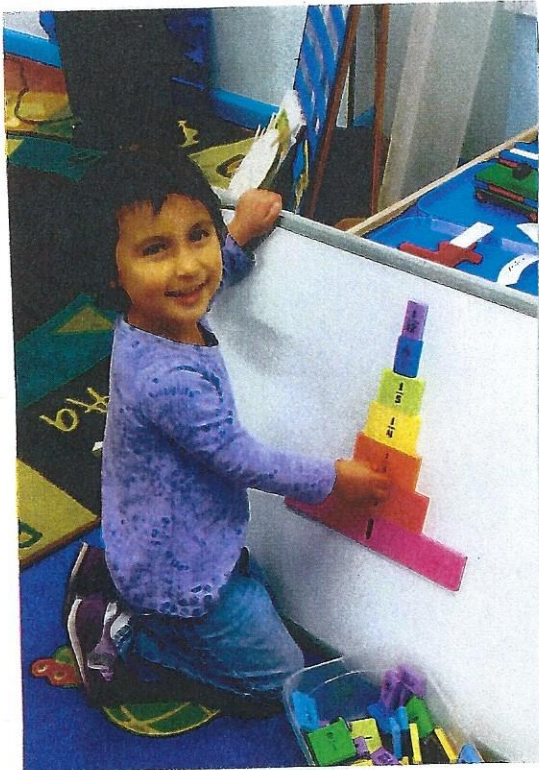


TK rocks
at building
puzzles.



Math is everywhere.

2
a
y
e
r

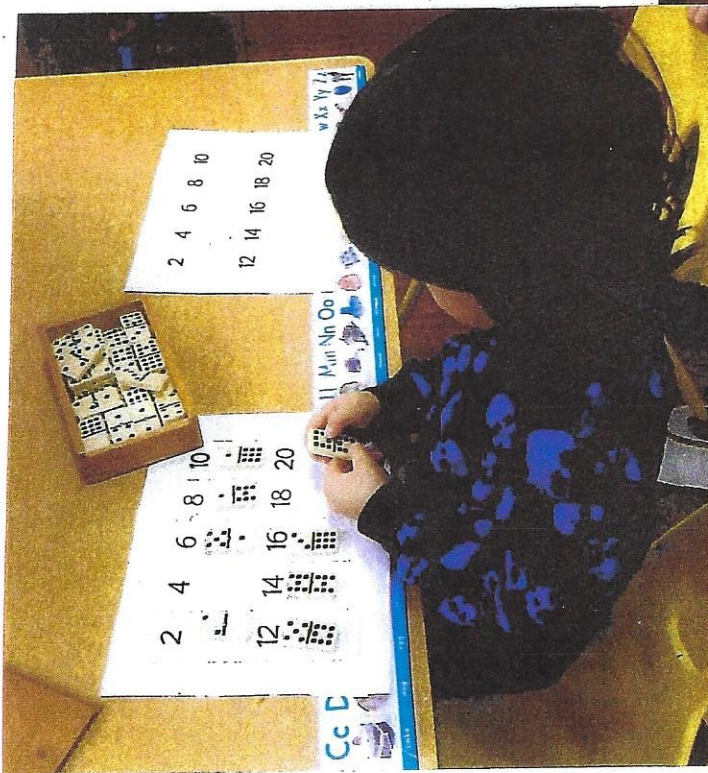


Nico

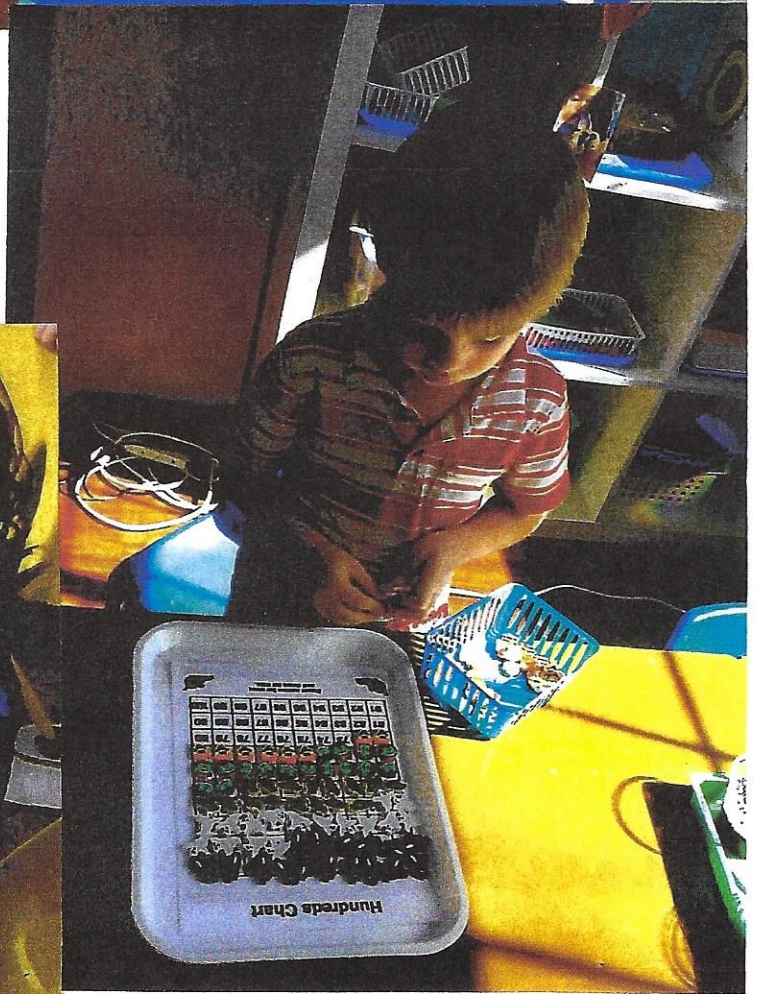
Calendar



Gabriel



Gabriel
Domino game.



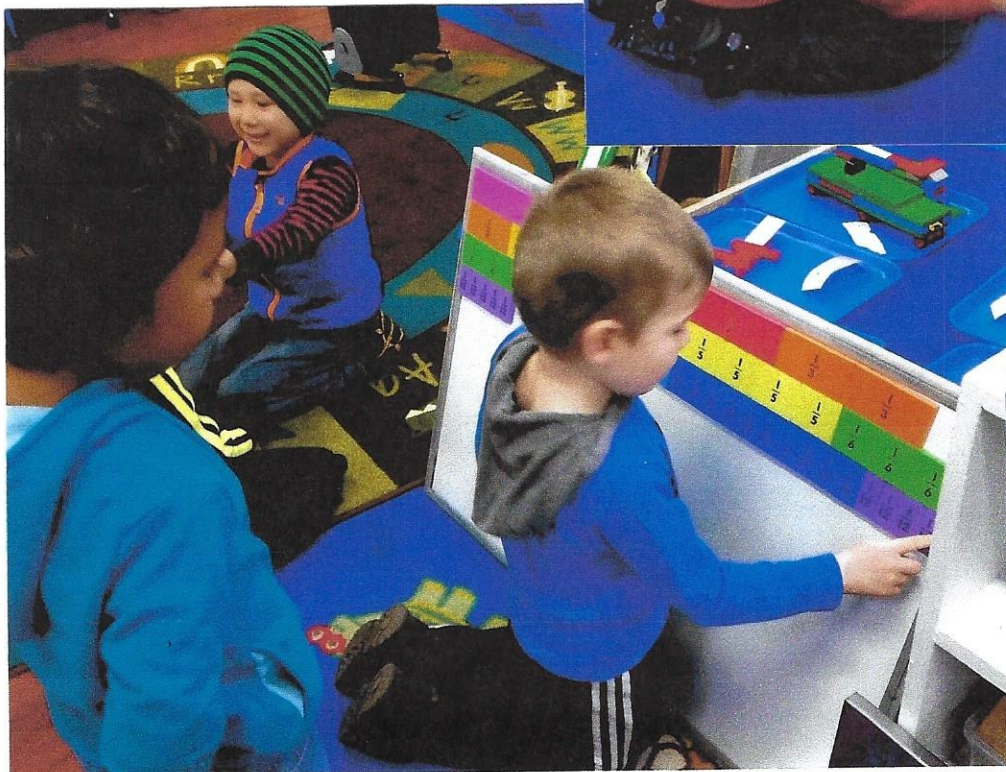
Quinn
what does 100 pieces
look like?



Fractions
We ♥ them!



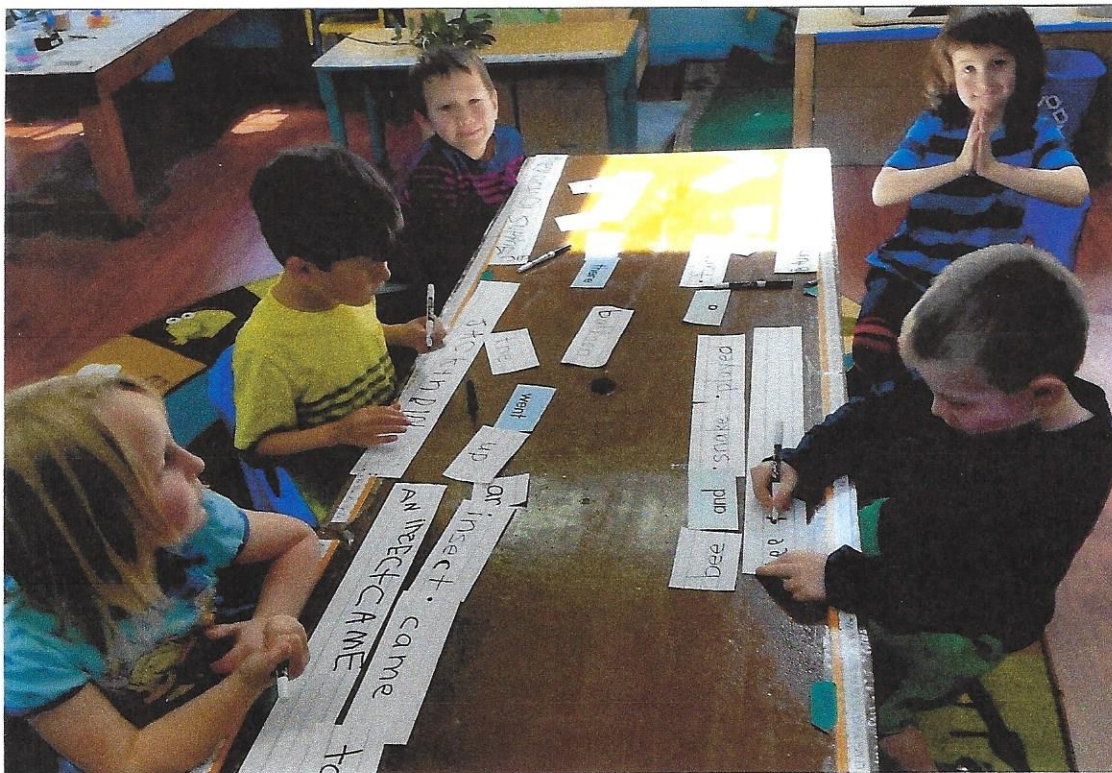
Gabrie



Arand (in back)
Quinn
Nayeli



Reading
and
writing.



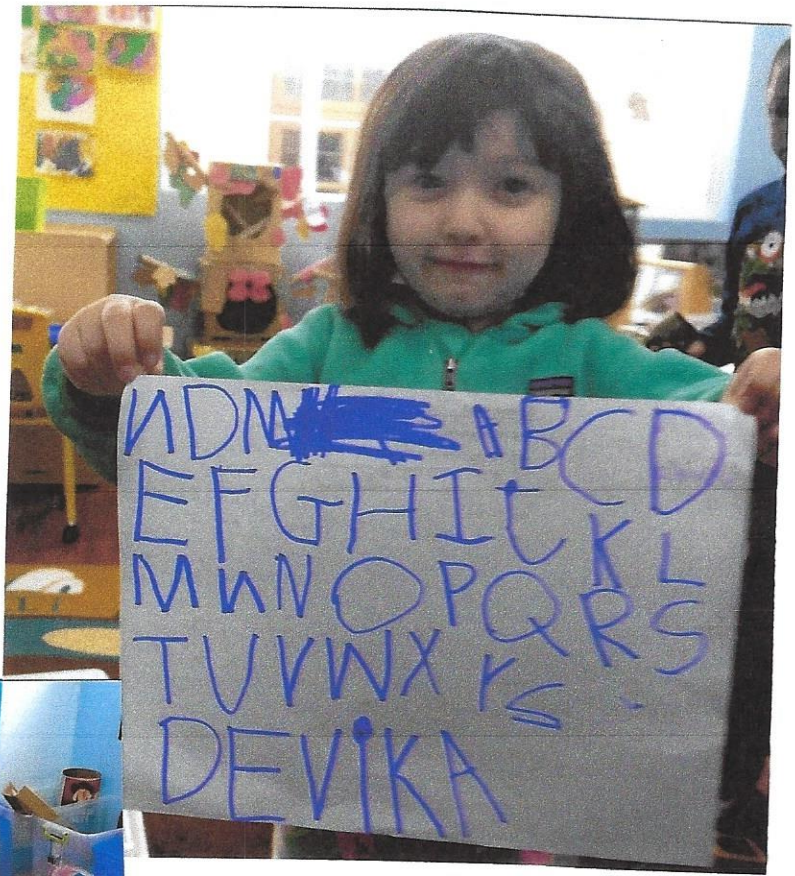
Anand
?
Quinn



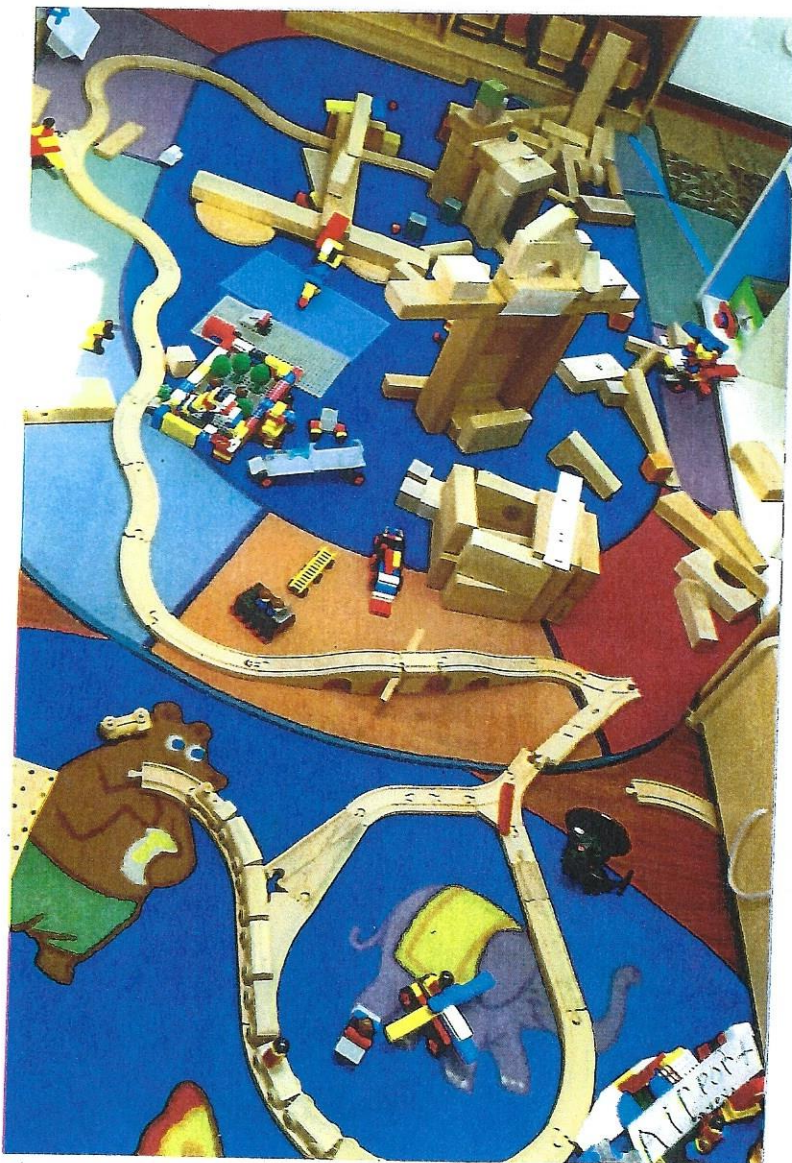
Chaz, Jack,
Nico

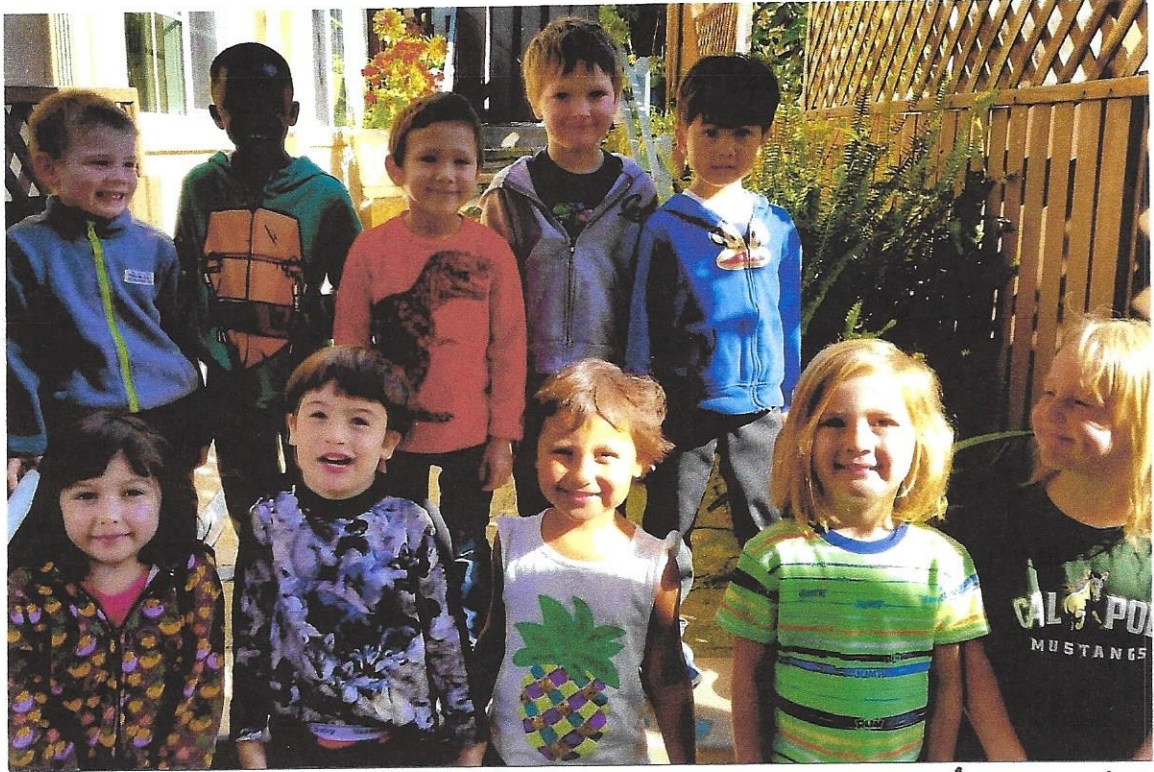
Jack
?
Gabriel





OAKTOWN





Quinn
Wiaston
Anand
Chaz
Jack
Devika
Gabriel
Nayeli
Nico
Veronica

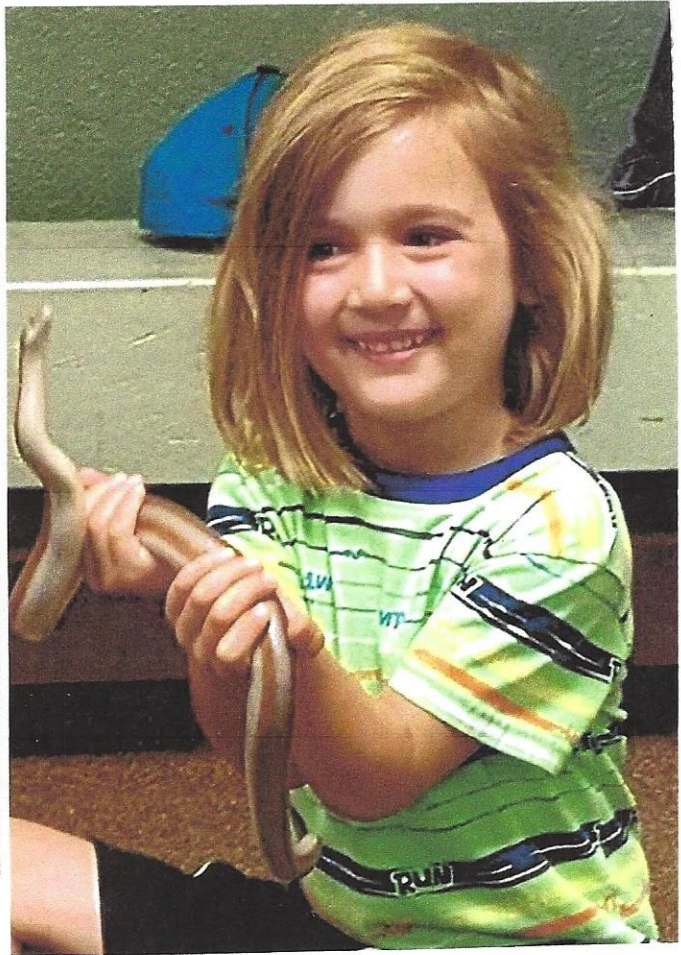
Scientists going to investigate and explore
Sulphur Creek Nature Center
Hayward, CA



Christine our teacher with Quinn
and the alligator lizard.



Gabriel with the rosy boa.



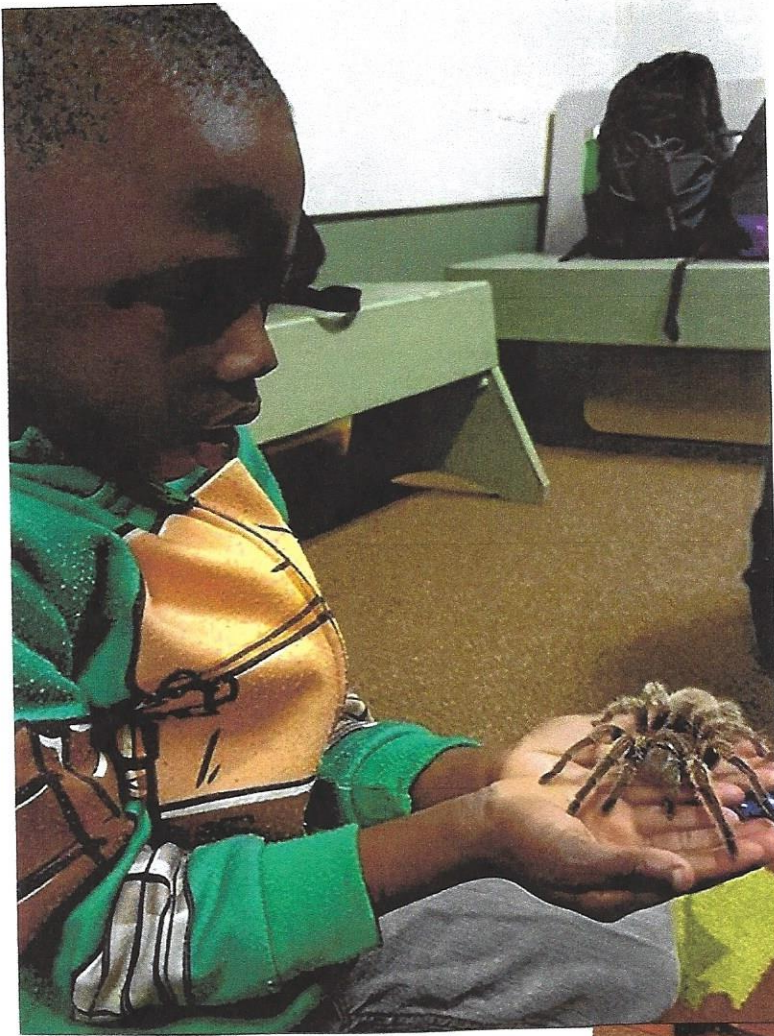
Nico



Veronica

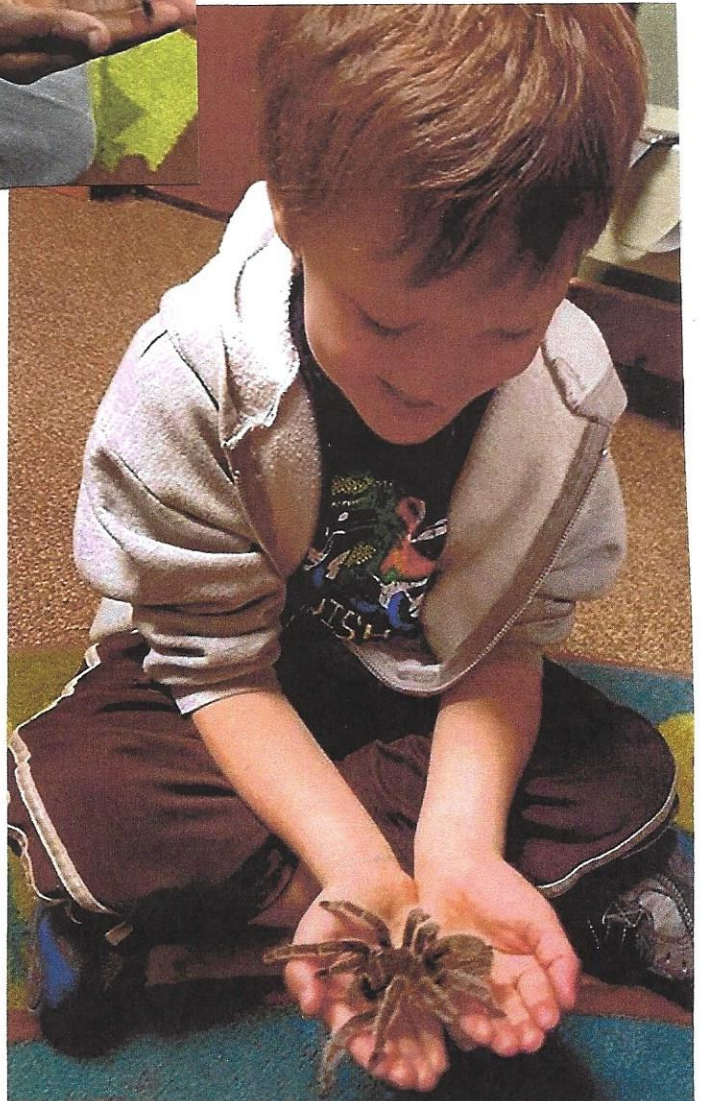


Nayeli with the rabbit



Winston

Getting our
brave on...
the tarantula!



Chaz



Anand



Jack



Denika

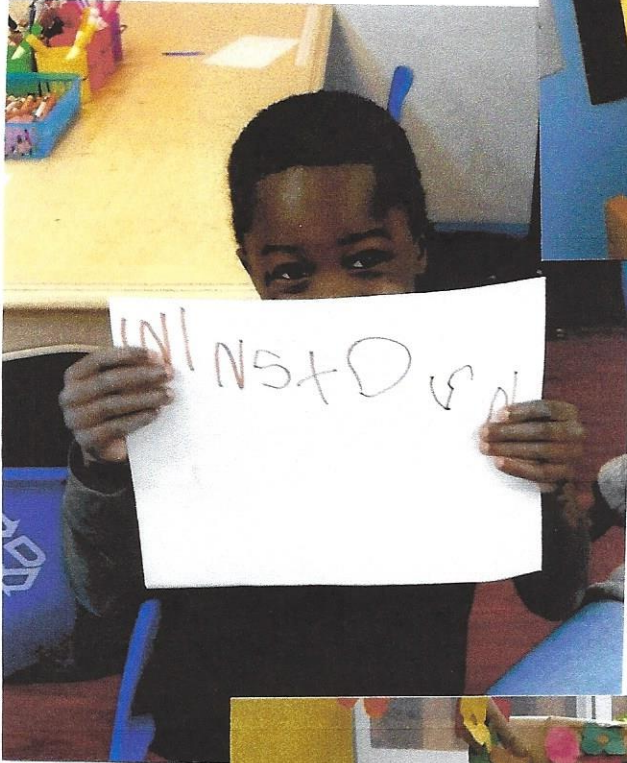
Anand sharing
the love.



Char constructing
with Veronicas
brown play dough
she brought.



Nico
building.



Discovering ourselves,
Being flexible.
Working really hard
TK rocks ♡





Thanks for
allowing us the
amazing opportunity
to explore the
world with your
children
this
year!

This journey
has been
an absolute
JOY for us -
Full of
wonder,
discovery,
laughter



and
the
biggest
Love Fest
Ever!

Dickie
&
Aya
Jackson