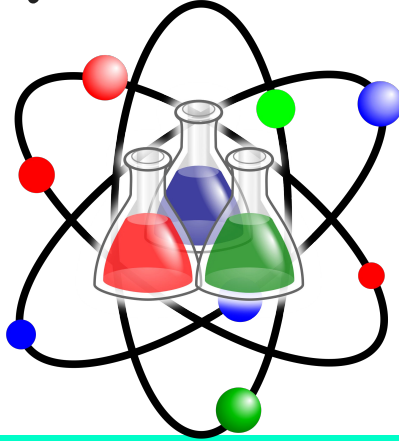


WELCOME TO SCIENCE!



Brendan Kearney
3-5 Science Teacher

ABOUT ME...



BLUES

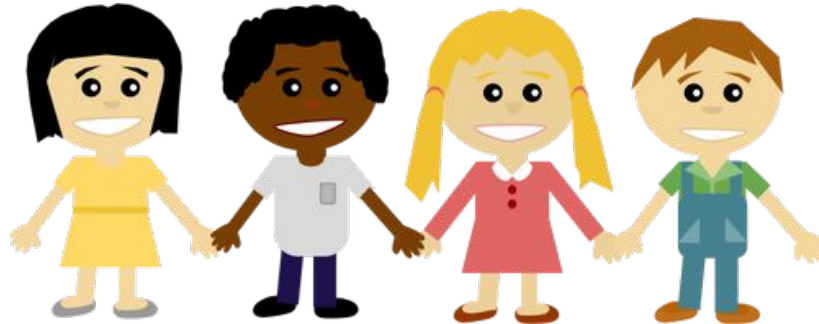


Would you
trash your
world if you
knew that
your world is
an extension
of you?

STAY CURIOUS

MYSTERY
science

My WHY...



THIS I BELIEVE

Imagine, Believe, Achieve

**“If you Believe in yourself,
ANYTHING is possible!”**

This I believe...Brendan Kearney

I believe in loving each and all.

I believe in igniting passion for everything life has to offer.

I believe in nurturing individual relationships, strengths, talents and interests.

I believe in growing every day, grateful for new opportunities to learn and be vulnerable.

A DAY IN THE LIFE...

What's it like to be a
3rd-5th grade scientist at
Glenridge?

- 4 Key Successes
 - Teams & Jobs
 - The O's & "You Rock"
Rock
 - No Hogs, Logs or Clogs
 - Mystery Doug Mondays /
Something Sciency to
Say
 - Reflection & Feedback
 - Notebooks & Chromebooks
-

A NEW VISION FOR
SCIENCE INSTRUCTION:
THE NEXT GENERATION
SCIENCE STANDARDS
(NGSS)

THE NEXT GENERATION SCIENCE STANDARDS (NGSS)

3-Dimensional Learning

- **Disciplinary Core Ideas (DCIs)**
- **Cross-Cutting Concepts (CCCs, aka “Big Ideas”)**
- **Science & Engineering Practices (SEPs)**

Phenomenon & Sense-Making

The Nature of Science

PHENOMENON

- What do you notice?
- What do you wonder?
- What might we do to find out more?



3RD GRADE CURRICULUM

Physical Science –
“How Things Move”

Life Science –
“Adapting to
Change” & “Change
Over Time”

Earth & Space
Science –
“Observing Weather
Patterns”



**Unit 13: Adapting to
Change**



**Unit 14: Change Over
Time**



Unit 16: How Things Move



**Unit 15: Observing
Weather Patterns**

4TH GRADE CURRICULUM

Earth & Space
Science – “Our
Dynamic Earth”

Physical Science –
“Transfer of Energy
and Information” &
“What Energy Does”

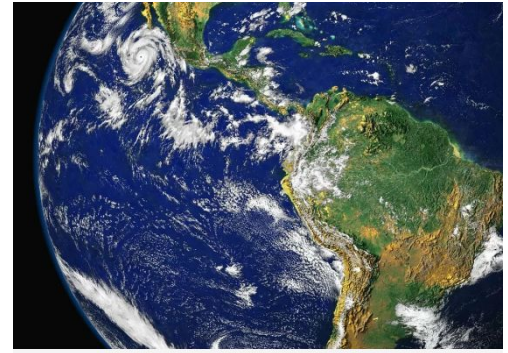
Life Science –
“Structure,
Function, and
Survival”



**Unit 17: Structure,
Function, and Survival**



**Unit 19: Transfer of
Energy and Information**



**Unit 18: Our Dynamic
Earth**



**Unit 20: What Energy
Does**

5TH GRADE CURRICULUM

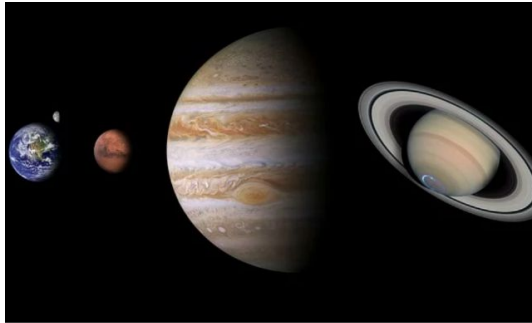
Physical Science –
“What’s Consistent
About Matter?”

Life Science –
“From Sun To Food”

Earth & Space
Science – “Our
Place In The
Universe”



Unit 21: From Sun to Food



**Unit 23: Our Place in the
Universe**

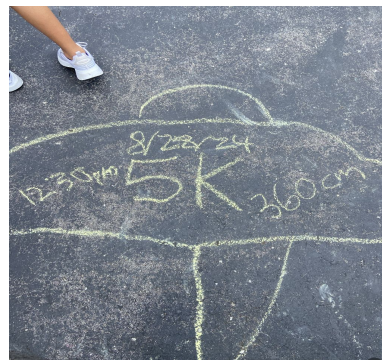
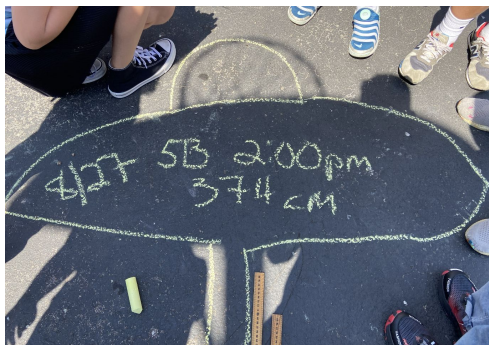
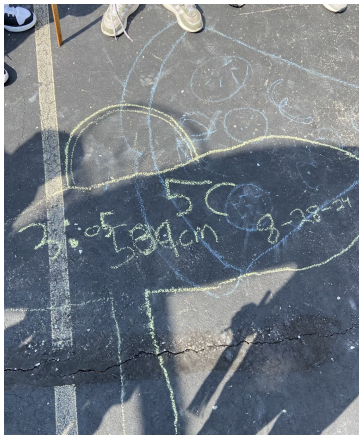


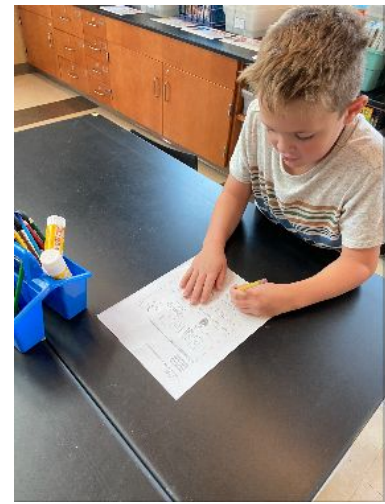
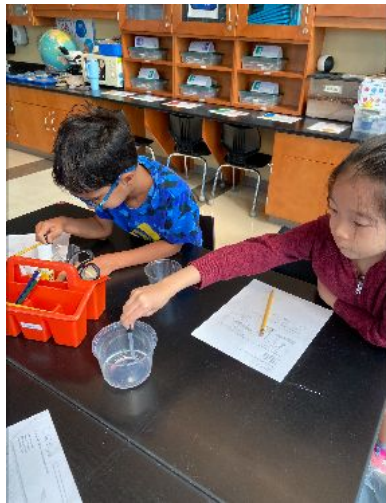
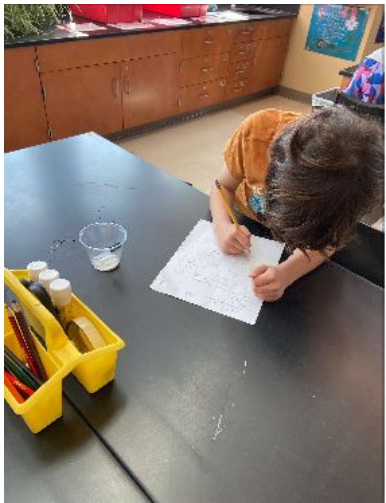
**Unit 24: What is
Consistent About Matter?**

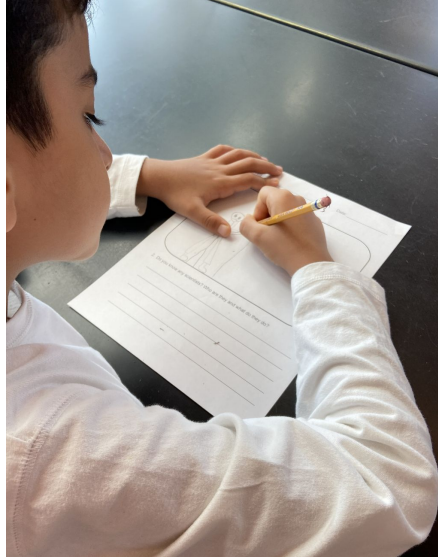
THE ORDER OF EVENTS

Glenridge Science Schedule 2024-2025

	August 19th - October 2nd (30 days)	October 3rd - November 19th (30 days)	November 20th - January 14th (27 days)	January 15th - February 26th (27 days)	February 27th - April 16th (27 days)	April 17th - May 28th (27 days)
9:00-9:35	3G Physical Science		3G Life Science		3G Earth Science	
9:50-10:25	3N Physical Science		3N Life Science		3N Earth Science	
10:25-11:00	3T Physical Science		3T Life Science		3T Earth Science	
11:00-12:00	Lunch & Prep		Lunch & Prep		Lunch & Prep	
11:10-12:20		4C Earth Science		4C Physical Science		4C Life Science
12:20-1:00		Lunch & Prep		Lunch & Prep		Lunch & Prep
12:00-1:10	5K Physical Science		5K Earth & Space Science		5K Life Science	
1:00-2:10		4H Earth Science		4H Physical Science		4H Life Science
1:10-2:20	5B Physical Science		5B Earth & Space Science		5B Life Science	
2:20-3:30	5C Physical Science	4M Earth Science	5C Earth & Space Science	4M Physical Science	5C Life Science	4M Life Science











@glensci



ETC...

- SCIENCE FAIR
 - GARDEN
- DEMO DAYS (WASH U.)
- CAREER & COMMUNITY CONNECTIONS
 - SUSTAINABILITY