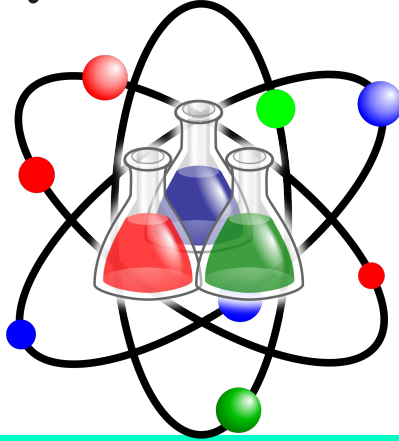


# WELCOME TO SCIENCE!

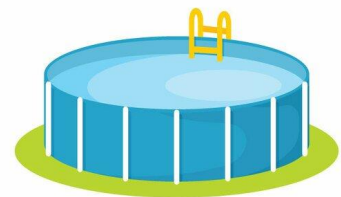


**Brendan Kearney**  
**3-5 Science Teacher**

ABOUT ME...



**BLUES**





# 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

# 3RD GRADE CURRICULUM

Physical Science –  
“How Things Move”

Earth & Space

Science –  
“Observing Weather  
Patterns”

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



**Unit 13: Adapting to  
Change**



**Unit 14: Change Over  
Time**



**Unit 16: How Things Move**



**Unit 15: Observing  
Weather Patterns**

# 4TH GRADE CURRICULUM

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

Earth & Space  
Science – “Our  
Dynamic Earth”

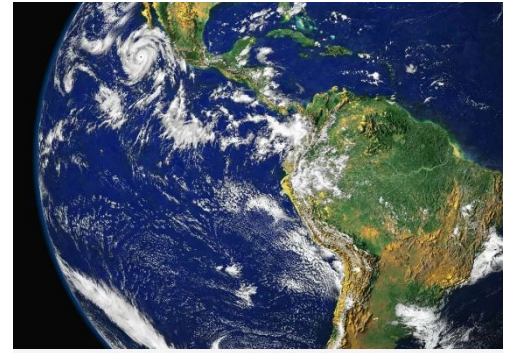
Life Science –  
“Structure,  
Function, and  
Survival”



**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

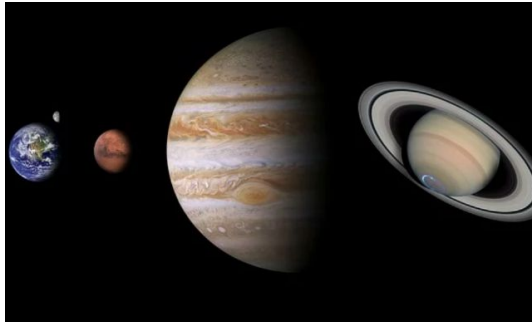
Physical Science –  
“What’s Consistent  
About Matter?”

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

Life Science –  
“From Sun To Food”



**Unit 21: From Sun to Food**



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

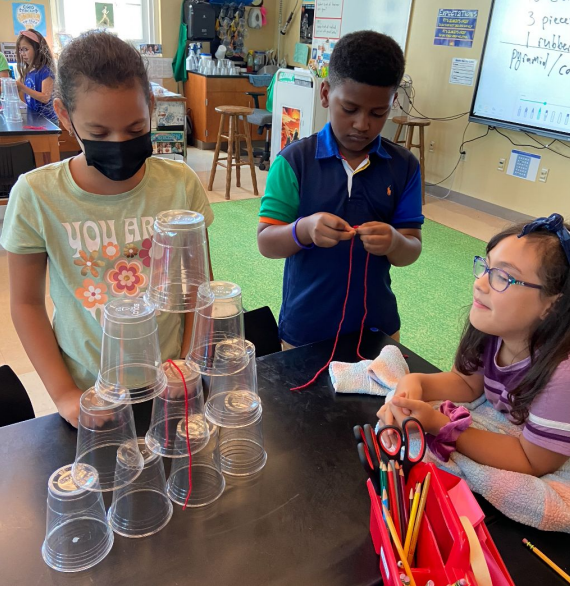


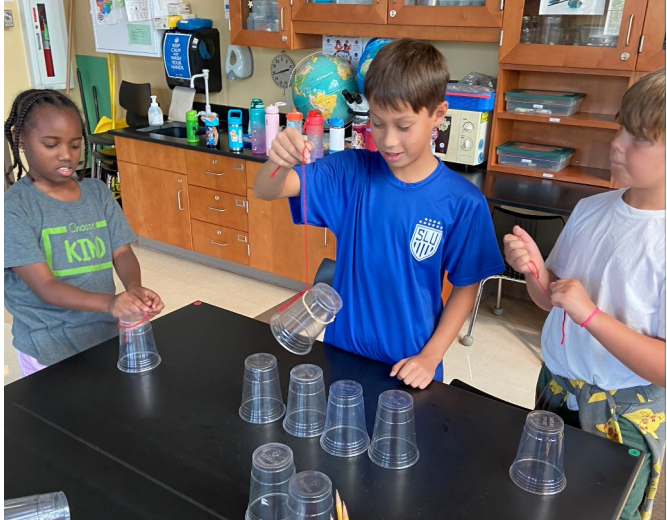
**Unit 24: What is  
Consistent About Matter?**

# THE ORDER OF EVENTS

## Glenridge Science Schedule 2022-2023

	<b>August 22nd - September 28th</b> (26 days)	<b>September 29th - November 10th</b> (26 days)	<b>November 11th - December 21st</b> (26 days)	<b>January 4th - February 16th</b> (30 days)	<b>February 21st - April 14th</b> (31 days)	<b>April 17th - May 31st</b> (30 days)
<b>8:40-9:50</b>	3G <i>Physical Science</i>	3T <i>Physical Science</i>	3G <i>Life Science</i>	3T <i>Life Science</i>	3G <i>Earth Science</i>	3T <i>Earth Science</i>
<b>9:50-11:00</b>	4M <i>Earth Science</i>	4H <i>Earth Science</i>	4M <i>Physical Science</i>	4H <i>Physical Science</i>	4M <i>Life Science</i>	4H <i>Life Science</i>
<b>11:00-12:00</b>	<i>Lunch &amp; Prep</i>	<i>Lunch &amp; Prep</i>	<i>Lunch &amp; Prep</i>	<i>Lunch &amp; Prep</i>	<i>Lunch &amp; Prep</i>	<i>Lunch &amp; Prep</i>
<b>12:00-1:10</b>	5S <i>Physical Science</i>	5C <i>Physical Science</i>	5S <i>Earth &amp; Space Science</i>	5C <i>Earth &amp; Space Science</i>	5S <i>Life Science</i>	5C <i>Life Science</i>
<b>1:10-2:20</b>	5B <i>Physical Science</i>		5B <i>Earth &amp; Space Science</i>		5B <i>Life Science</i>	
<b>2:20-3:30</b>	4C <i>Earth Science</i>	3N <i>Physical Science</i>	4C <i>Physical Science</i>	3N <i>Life Science</i>	4C <i>Life Science</i>	3N <i>Earth Science</i>









**@glensci**



ETC...

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