

Medical and Science Magnet Program





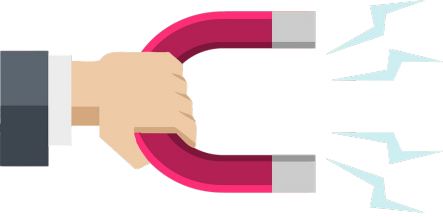
Draw the organ that matches the clue below. This organ takes in oxygen fro...

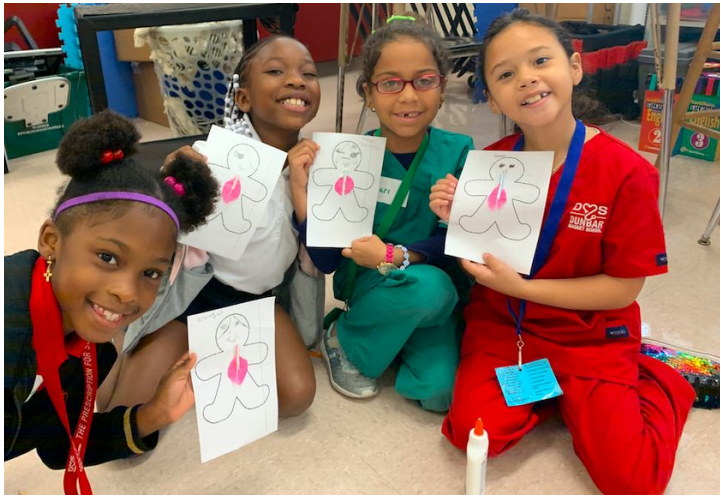


Draw It



Why we
LOVE. TEACH. GROW.
MAGNET







1. Students will learn various medical-science concepts and vocabulary, growing their knowledge through an integrated curriculum and hands on exploration across all grade levels.

2. Students will explore and apply the practice of science and the scientific method by engaging in scientific research, discussions and investigations.

#3 Students will recognize and celebrate diversity in the medical field by working collaboratively with peers and community partners to solve real world problems.

1. Integrating Our Medical Magnet Theme



Medical Curriculum Matrix By Grade Level

| GRADE LEVEL | CONCEPTS COVERED | MAJOR EVENTS | MID/EOY PERFORMANCE TASK |
|-----------------------|--|--|---|
| Kindergarten | Sensory Organs/Body Parts Nutrition Hygiene Doctors/Nurses | Ophthalmology Lab | Name the 5 senses and related body parts. Create a model of a healthy plate. |
| 1 st Grade | Integumentary System First Aid Hygiene Surgeons | Teddy Bear Surgery | Name and describe the 3 layers of the skin. Create a model of a first aid kit. |
| 2 nd Grade | Skeletal System Dental Orthopedics Dentists | Dental Truck Visit | Name the 4 types of teeth in the human mouth and their function. Create a skeletal model and name major bones. |
| 3 rd Grade | Muscular System Respiratory System Animal Sciences Veterinarians/Zoologists | Animal Expedition | Name and describe the three types of muscles. Create a model of the respiratory system and name its major organs. |
| 4 th Grade | Circulatory System Digestive System Paramedics/EMT's | CPR Training | Demonstrate CPR. Create a model of the circulatory or digestive system and name its major organs. |
| 5 th Grade | Nervous System Human Body Organs & Functions Pharmacists | Organ Escape Room | Design a presentation about one of the major body systems including functions of its major organs. |
| School-Wide | General Health, Wellness, & Exercise First Aid Fire Safety Medical Professions Medical Tools | Guest Speakers from Medical Community Partners- TGH, USF Health, UTampa, Rasmussen, More Health. | End of Year Medical Showcase in May. |



Collaborate!

Post an activity/task to match your grade level magnet theme

PS: Pinterest has great ideas!

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HOW WE CAN INTEGRATE

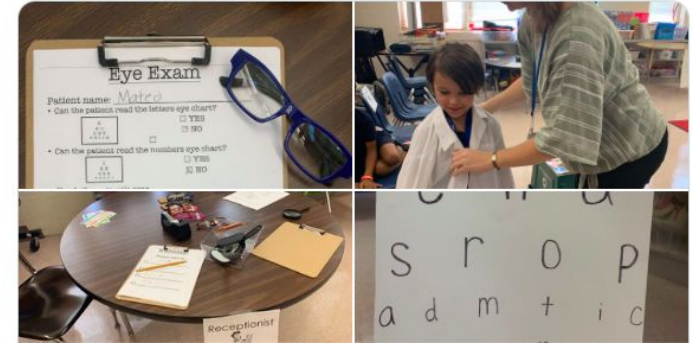


How do we integrate medical science into our daily curriculum? Our kindergartners are learning about their five senses in science. They are building vocabulary while learning about sight, and getting real world experiences relating to the medical field. #ONLYatDunbar @SDHCMagnet

✓ STEM Block

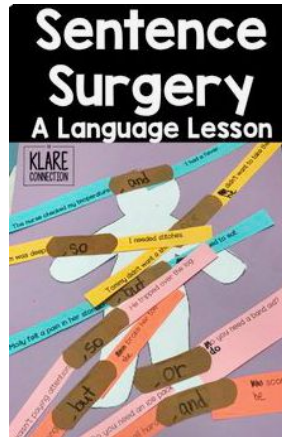
- Hands on activities and use of technology
- STEMConnect lessons
- STEM fair/LTI/

✓ Connecting Science Standards that lend to our medical and science theme



Integrating Medical in ELA

- **Achieve3000 articles**
 - Search by science standard
 - Search by topic/theme
- **Small Group Instruction Resources-**
find connections in text to 4 houses,
medical, etc.



Integrating Medical in Math

- **Word problems reflect medical theme with vocabulary or facts.**
- **Theme based math activities**



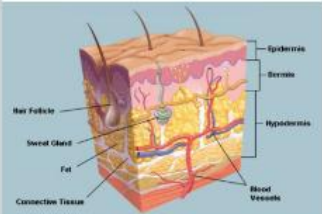



“Mrs. Crim checked her pulse while resting on the couch and found that heart was beating 75 times per minute. How many beats would that be in an hour?”



Specials-- how can you incorporate medical content?



Matching Pairs

| | | | |
|--|---|--|---|
|  |  | ...y ...ing ... red and white cells floating in it. | systems. It also tells your muscles to move. |
| This organ contains the strongest muscles in your body but they are involuntary. |  |  | The outer part of the this organ is called the epidermis. It keeps germs out of your body. |
|  |  | | |

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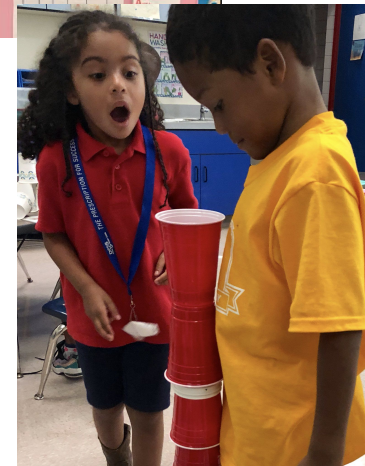
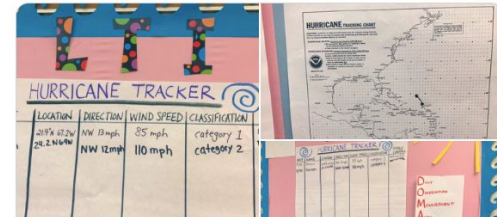


#2 The Practice of Science... DAILY

- **N standards- first 5 mins of science block**
- **STEM Fair, LTI's, LDC's, Science Olympics, Design Challenges**
- **Science small groups- online investigations, canvas lessons, achieve articles**
- **One-Note Notebook science standards connect medical theme**
- **Hands on activities and use of technology**
- **Discovery STEMConnect, Nearpod, HMH, Virtual Field Trips**
- **Planning, Planning, Planning!**



@MsClarkRoom113 and her fourth graders have been diligently tracking #HurricaneDorian over the last few days throughout their Long Term Investigation. What effects will Tampa see? We will find out next week!@WeAreHAEST @HCPSElemScience #WEAreHAEST #LTICheck #ONLYatDunbar

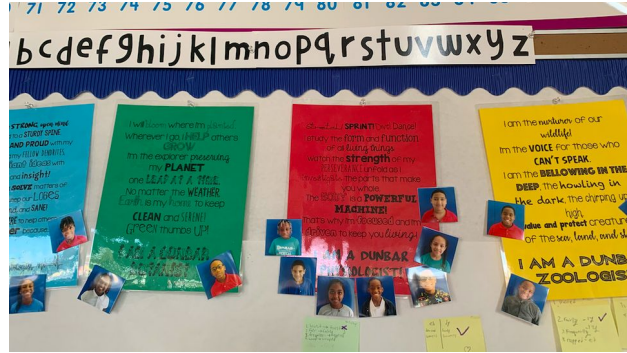


#3 The 5 C's Collaboration, Communication, Creativity, Critical Thinking, CULTURE!!



Dunbar Elem Magnet
@Dunbar_Magnet

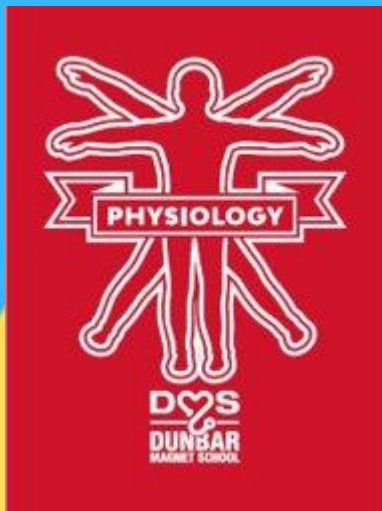
Congratulations to The House of
🧠 NEUROLOGY 🧠 They are the House winners
for the month of October and earned 7,902 points!
Neurologists celebrated with an October themed party
making spooky spiders, decorating cupcakes and
participating in relay races. #ONLYatDunbar



HOUSE PROGRAM

Staff House Leaders

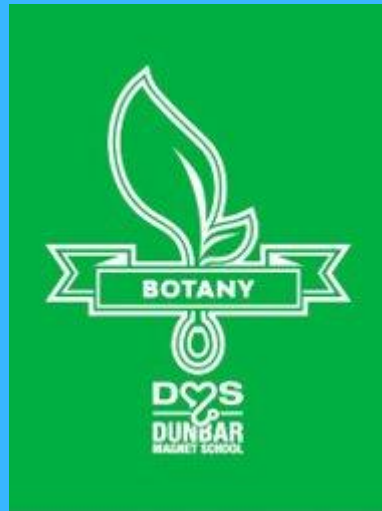
Catharine Smith & KeKe Williams



Debby Dowell & Verna Penny



Demetria Geathers & Erica Scholl



Maria Cavallaro & Patty King



 Poll

A. Neurology

B. Physiology

C. Botany

D. Zoology

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▶ Video



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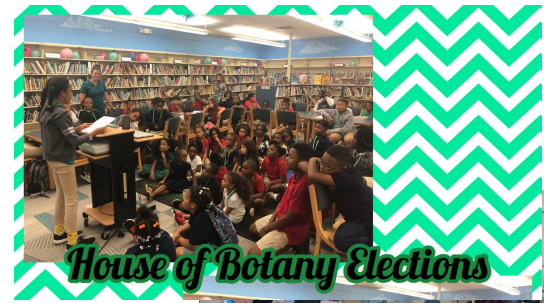
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House Reveal & House Meetings

- All students randomly assigned to a house
- House meetings occur the last Monday of every Month for the last 45 mins of the day.
- Create strong bonds, traditions, and encourage MedSci explorations.
- Check Dunbar's internal calendar for upcoming meeting dates & locations
- Zoom House meetings? Small house meetings within the classroom?



Points System

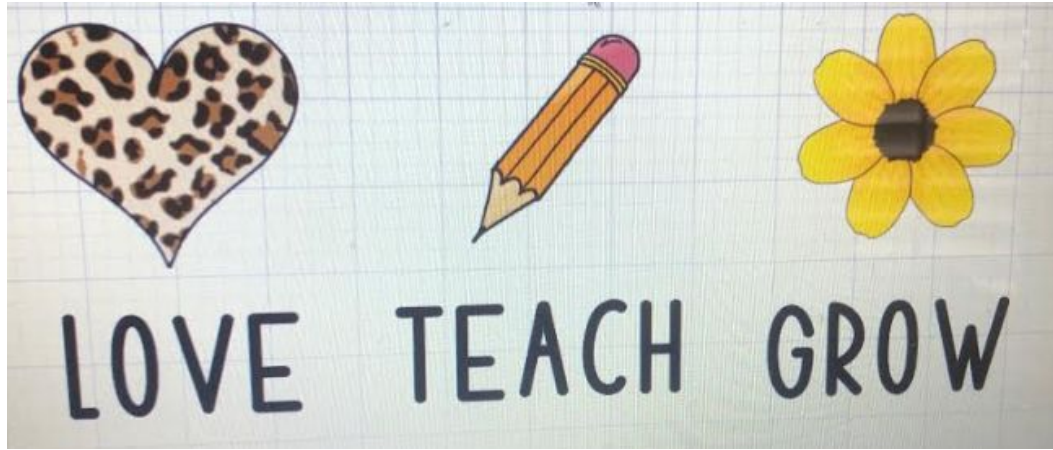
- **Students earn points for going above and beyond in demonstrating our core values:**
 - P- Participate in my learning**
 - U- Unite in my Community**
 - L- Listening Attentively**
 - S- Show Kindness**
 - E- Empower myself and Others**
- **Points are valuable and shouldn't be expected every day for regular or expected tasks**
- **Students cannot ask for points**
- **Points cannot be taken away**

How Can Students Earn Points?

Students can earn points for anything that you deem worthy. Examples include:

- Good Character
- Academic Excellence
- School Spirit
- Outstanding Performance
- Effort
- Teamwork
- Humility
- Compassion
- Responsibility





Love= Relationship Building
Teach= High Expectations And Structure
Grow= Positive Reinforcement

Point Distribution

| Standard Points 1 point | Above & Beyond Points 2 points | Special Points 4 points | Ultra Points 6 points |
|-----------------------------------|--|-----------------------------------|---------------------------------|
| | | | |



*see the
good*

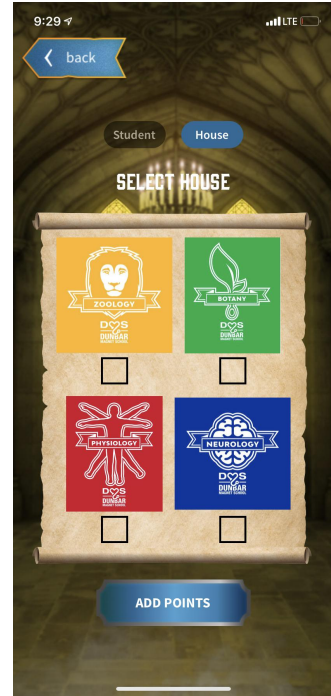
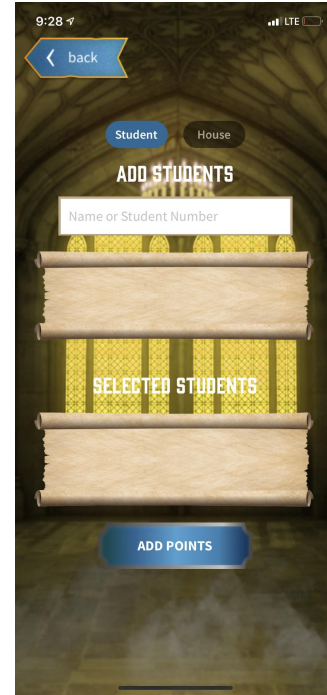
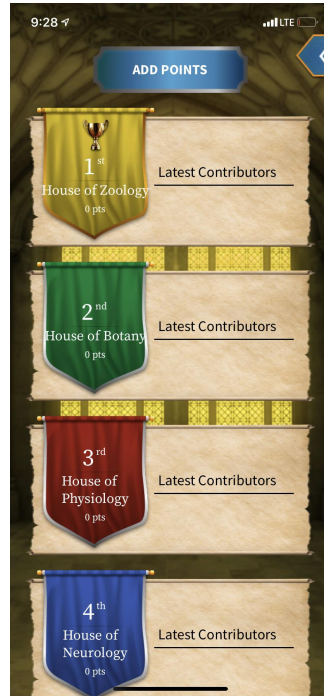
What could a student do to earn points in YOUR classroom?

Point Distribution

| Standard Points 1 point | Above & Beyond Points 2 points | Special Points 4 points | Ultra Points 6 points |
|---|---|--|---|
| <ul style="list-style-type: none">● Getting a difficult question correct● Picking up trash without being asked● Being the first one to clap for another student | <ul style="list-style-type: none">● Winning a class competition● Befriending a new student● Improving behavior● Passing a test● Demonstrating an overwhelming display of good character | <ul style="list-style-type: none">● Making a perfect score on a major test● Student of the day/week | <ul style="list-style-type: none">● Honor Roll● STEM Fair Winner |

Tracking Points

- All staff can award points on the RCA app or online at rcahousepointssystem.com
- App updates in real time and stores data for reports
- Award points to a student, group of students, or particular house
- Add comments for points for parents and students



Quiz

A. University of South Florida

B. Advent Health

C. Tampa General Hospital

D. Burger King

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Volunteers and Partners

Hyde Park
United Methodist

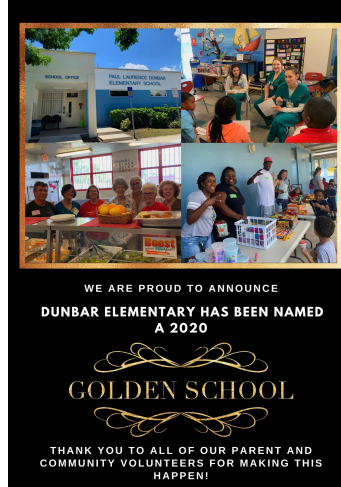


Dunbar
Elementary Magnet



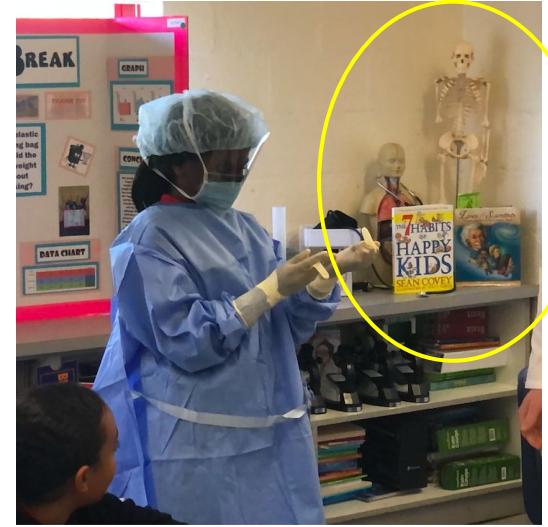
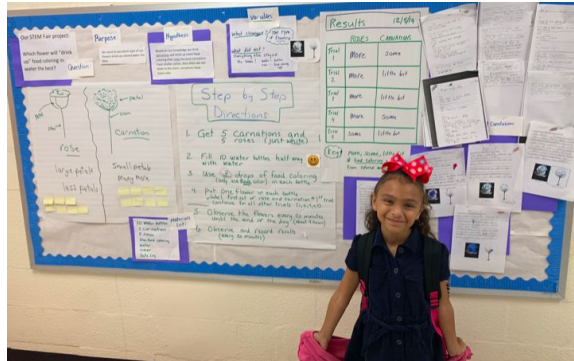
Working with Volunteers Effectively

- Each classroom teacher will be assigned a classroom volunteer
- Small Groups, take out projects, mentoring
- **COMMUNICATE!**
- Be flexible, welcoming, and innovative



Expectations for the School Year

- ★ Medical theme is **VISIBLE**
- ★ **STEM** block used for Medical/Sci
- ★ Utilize **OneNote** for ideas
- ★ **Scrubs** on Mondays
- ★ **Bulletin Boards** updated monthly
- ★ **Marketing Events / Family Nights**
- ★ **Points** distributed in app daily



be fun. be visible.

What house will you be in?

<https://wheelofnames.com/#>

