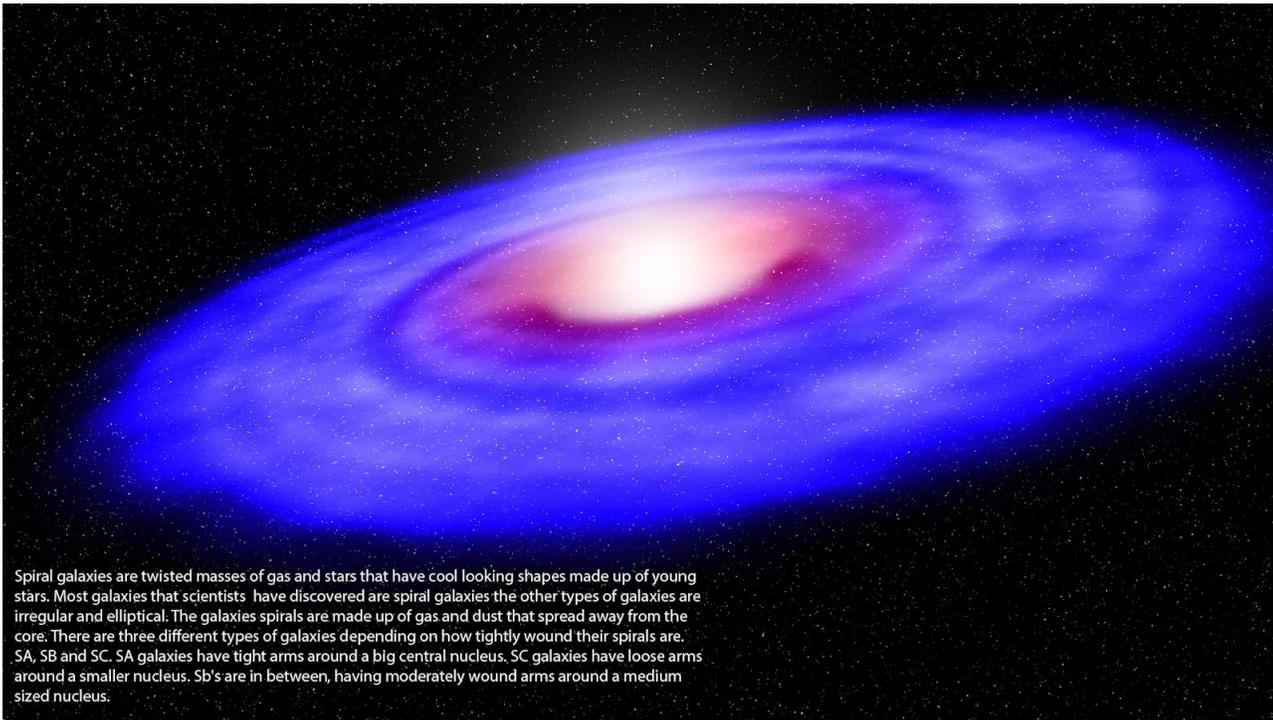


# **SEVENTH AND EIGHTH GRADE NEWS**

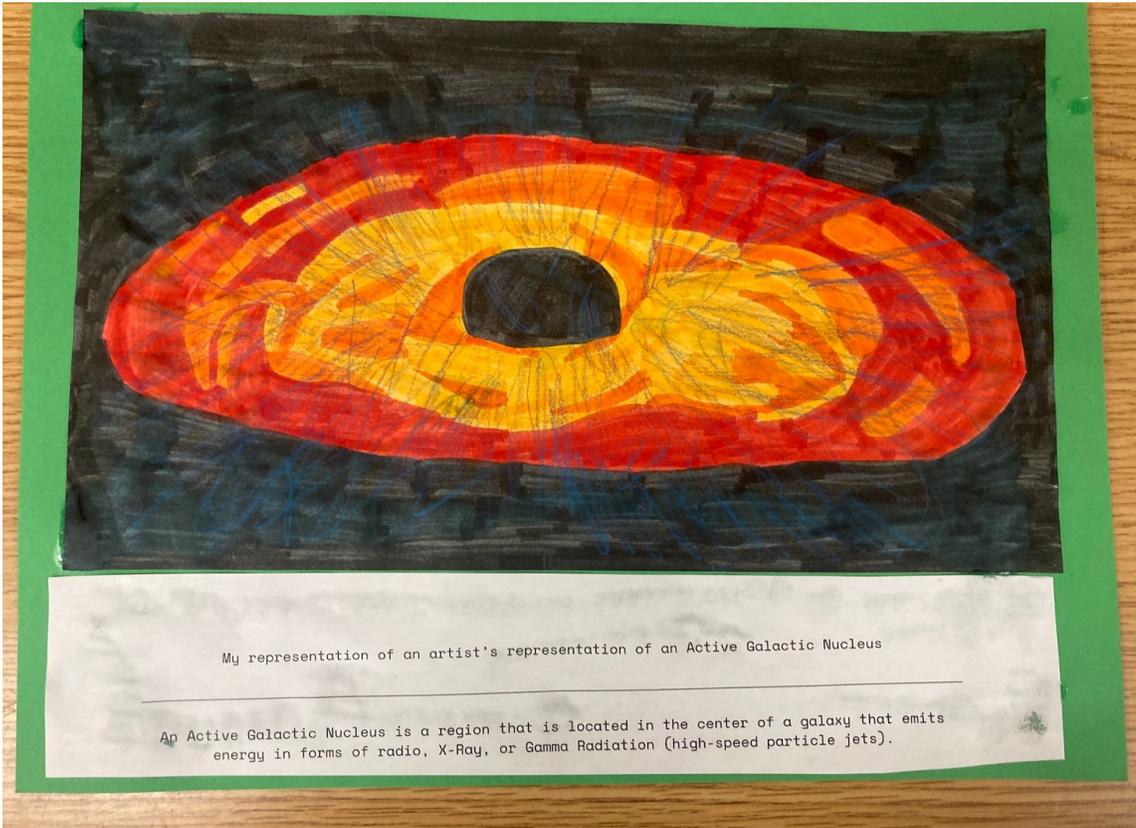
## **Academics and More**

This week has been dominated by the Stanford Achievement Test, which we have now completed! Students have been busy completing, revising, and editing assignments, as the end of our short Orientation cycle approaches (today). One of the assignments was follow up work of the student's choice, for our lesson on the Timeline of Light. (The Timeline of Light, which is the story of the universe, is one of the very few Montessori Great Lessons for adolescents.) Students wrote about or created artwork for matter and antimatter, dark matter, dark energy, types of galaxies, elementary particles, and more. Below are some of our students' projects.



Spiral galaxies are twisted masses of gas and stars that have cool looking shapes made up of young stars. Most galaxies that scientists have discovered are spiral galaxies the other types of galaxies are irregular and elliptical. The galaxies spirals are made up of gas and dust that spread away from the core. There are three different types of galaxies depending on how tightly wound their spirals are. SA, SB and SC. SA galaxies have tight arms around a big central nucleus. SC galaxies have loose arms around a smaller nucleus. Sb's are in between, having moderately wound arms around a medium sized nucleus.

Ale F, Spiral Galaxies (Digital Art using Photoshop)



My representation of an artist's representation of an Active Galactic Nucleus

An Active Galactic Nucleus is a region that is located in the center of a galaxy that emits energy in forms of radio, X-Ray, or Gamma Radiation (high-speed particle jets).

Austin C., Active Galactic Nuclei



Mary Ann, Dark Energy

*GODS PARTICLE IS AN INVISIBLE UNIVERSAL FIELD THAT MADE PARTICLES FUSE INTO STARS, PLANETS, AND EVERYTHING ELSE, BY GIVING MASS TO ALL MATTER RIGHT AFTER THE BIG BANG.*



Diver, Higgs Boson (Digital Art, Using "Procreate")

## *Thinkwave: Software for Student Work Reports*

As a portal to student work updates, we use the software "Thinkwave." Thinkwave is a software for both parents and students, allowing you to see a student's work status. We've modified it to show you what has been assigned, what has been completed, what is incomplete, and what still needs corrections. It also shows test scores, where appropriate. Each student and their parents will get an email this weekend with an individual Thinkwave password. Follow the directions to your individual portal.

## *Online Help after School*

Although we don't have our former tutorial structure, both Beronica and I are available most weekdays (except Mondays) to help students after school (until about 4:45 PM) in any areas they may need or want help in. Students should text us if they wish to set up a time.

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# Thank you to...

 The Zinhan family, for getting hula hoops all of the in-class 7th and 8th graders. It's been a great activity for social distancing outside!

*Level 3 Families, we are always grateful for all you contribute to our middle school program.*

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## Questions?

PARENTS AND STUDENTS: We encourage you to contact us with any questions and concerns. The best time to call us is in the evening; alternatively, you can email or text us any time:

Robin [redidin@centermontessori.org](mailto:redidin@centermontessori.org)  
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941-586-9024 (cell)

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*-The Level 3 Team (Robin, Deana, and Beronica)*

**Please** send any email address changes and updates to [redidin@centermontessori.org](mailto:redidin@centermontessori.org)