

February 2, 2018

Genius Hour

Taking it to the Next Level

AAGT Conference 2018

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Overview

- Introduce the basics of Genius Hour
- Research behind
- Gifted Learner Applications
- Implementation
- Scheduling
- Presenting
- Grading
- Taking Genius Hour to the next level!



Know your audience:

Take out your phones!

Please type into your web browser:

www.slido.com

Then enter event code: **#J230**



Wordle Time!!!!

When you hear the words "Genius Hour",
what comes to mind?

<https://www.polleverywhere.com/my/polls>

Text: JAIMEHANSEN551 to 22333



What is Genius Hour?

What is Genius Hour?

Originally created by Google (20% time)

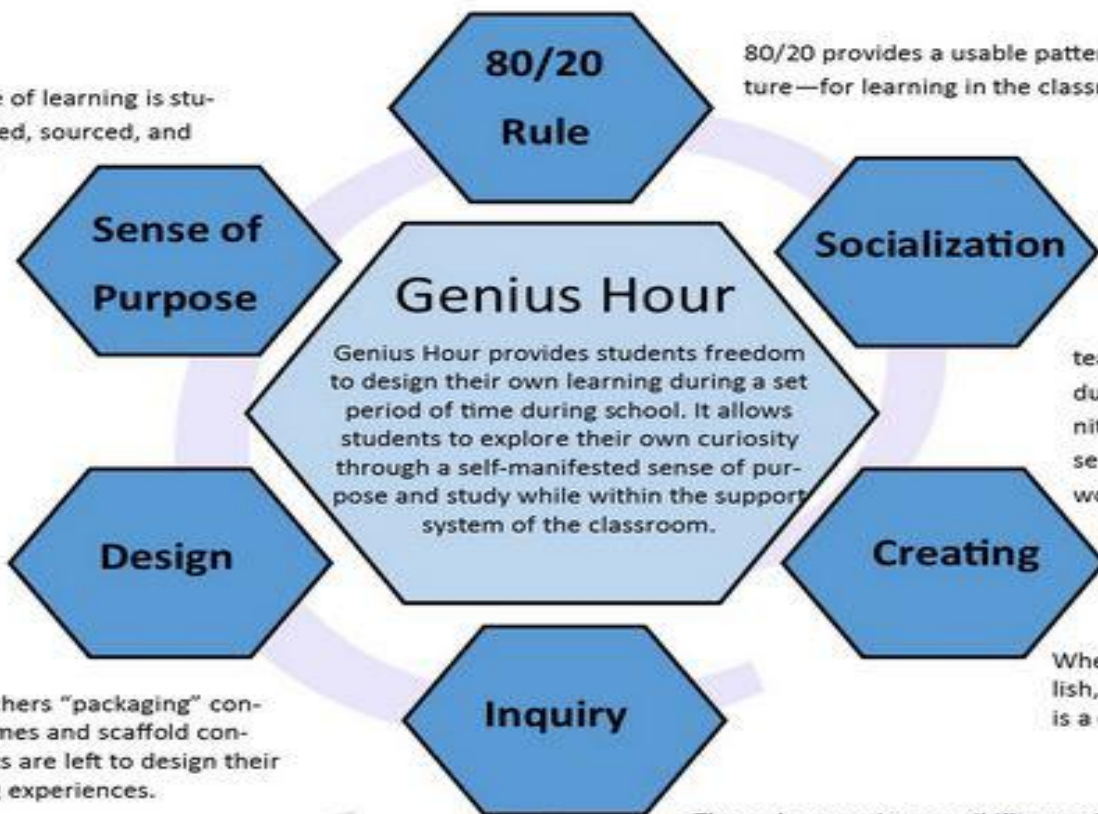
Genius Hour by any other name
Is still Student-Directed Passionate Learning

100 Minutes of Genius
Fed Ex Day An Hour of Wonder

Google Time
Montessori Method 20 Percent Project
Curiosity Friday
Google's 20 Percent Time
Innovation Day
20 Percent Time
Passion Time

Genius Hour

The purpose of learning is student-centered, sourced, and dependent.



What does the research say? Why Genius Hour?

- Promotes student engagement by allowing students to research what they are passionate about (inquiry based minds)
- Gives students a sense of freedom that is limited in today's educational world
- Inspires creativity and a love for learning in all areas
- GRIT- teaches students that it's okay to fail and to learn from their failures
- Promotes inquiry based learning



How does Genius Hour fit the Gifted Learner?

- High engagement when exploring a passion
- Creates Self Directed Learners
- Promotes creativity and inspires students to research on own
- Increases technology skills
- Enhances communication skills (partners)
- Share finished work on a larger scale (increases rigor)
- Self-Reflection and Personal Growth



Poll Audience;




4 Corners; One large sticky note pad per corner; participants can go around adding to the chart ideas they have for:

Introducing Genius Hour; Set parameters and limits; Generating topics

Scheduling; What works best for your day/week/quarter? Timeline

Implementation; Teacher approval; student research/production/presentation

Assessment; Rubrics/Reflection (In process/End)



Introducing Genius Hour to your students

Introducing Genius Hour to Students

Three Main Rules:

1. Must start with a driving question
2. Must include research
3. Project must be shared (with the class or the entire world)

(Kesler & Juliani, 2018)



How to begin:

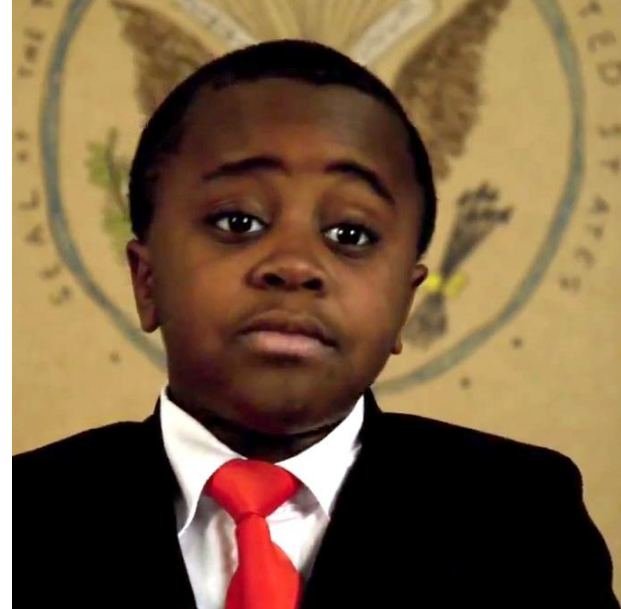
Brainstorm

Shark Tank Pitch (Kesler & Juliani, 2018)

Kid President:

How to Change the World!

Flip grid; Interactive Digital Forum for students to 'pitch' their ideas and give peer feedback.

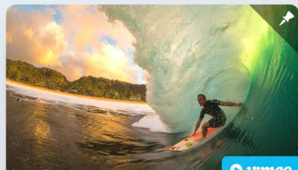


STEAM Hr 3: Our World is Awesome

by Claudio Zavala 15 topics 487 responses 188 replies 5.1k views 192.3h engagement



Ideas An open space to share what's happening with your learning community!



Mar 10 2018

Reefs at Risk

Overfishing, climate change and pollution are now putting so much pressure on coral reef systems that [Reefs at Risk](#) has published a recent study that all coral reefs will be in trouble by 2050.

Review the research below and share your ideas on what surfing will be like in 30 years. Do you



Mar 1 2018

Exploring our Solar System

Watch the recent SpaceX rocket launch above. What do you think will be the future of human space travel? Would you go?



28 videos



Feb 25 2018

My Green Score

Use our class OneNote attached to research and compute your Green

Then, share ways you and your family can reduce your carbon footprint upon your score in the short term of your life.

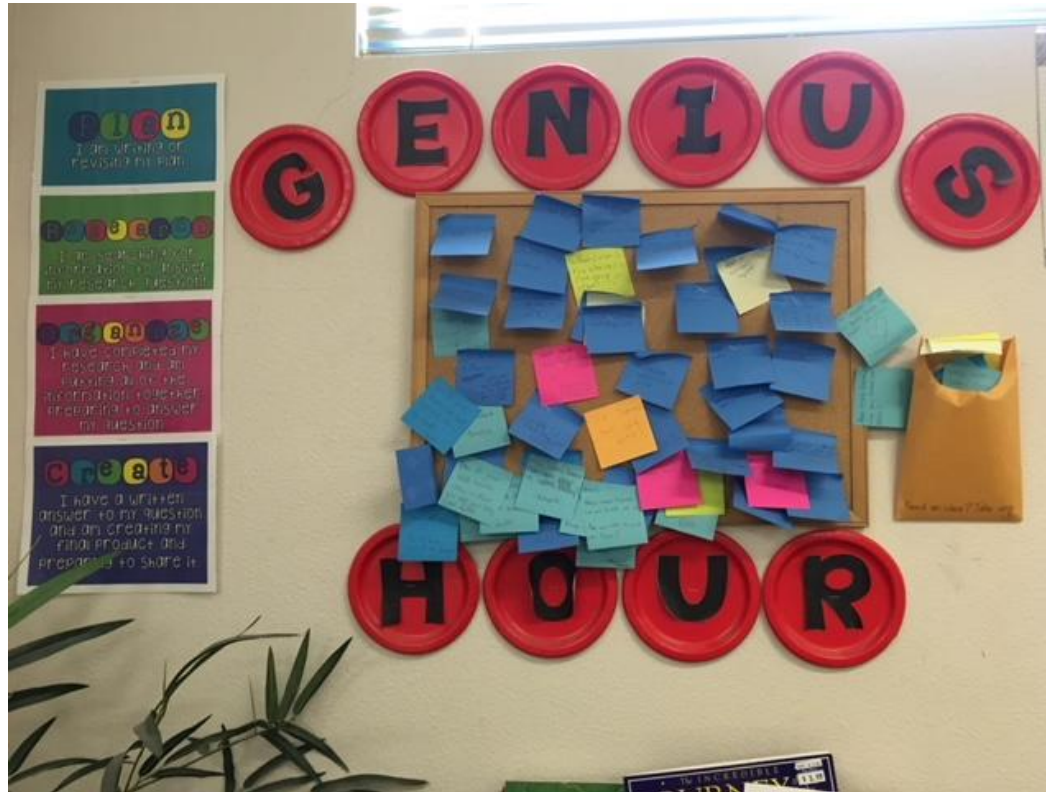


Every student has a voice.

Let's amplify 

FLIPGRID

Photos of Bulletin Boards and Curiosity Journal




Scheduling

Sample Schedules

Daily; Weekly; Monthly; Quarterly



Student Researching Strategies

- Help students outline a list of questions that correlate with main question or content.
 - Meet with students frequently to ensure that everything relates to driving question
 - Graphic Organizers to help guide research
 - Mini lessons- teachers model strategies they want students to utilize
- 

Presentation

Presentation Options Pro's and Con's

Products and Rubrics; Remember this is a process and not simply an end product

Grit

Reflection; Padlet



Example:

https://padlet.com/jaime_hansen/34n8vlwepr48

Password: **Geniushourrocks**

Samples

Website about “Best Vacation Sites” (4th grader)

<https://imllhappy.weebly.com/>

Website about “History of YouTube” (4th grader)

<https://sites.google.com/s/0B5przQ-7JZohSTdKcTZKN2N0a0E/p/1pvmxChEFnR4xWTIGtGFQzFK64mldTCnU/edi>

<http://waginplay.myfreesites.net/t>





Grading and Reflection

Grading Ideas/ Reflection

Remember; this is a process....

- **Contract**
 - **Check-in's along the way; progress monitoring**
 - **Presentation of final product**
 - **Self-Reflection**
- 

Teachers! Time to Collaborate!

Using your organizer, discuss/list ways to:

Introduction/Questioning

Scheduling

Researching

Presenting/Grading





Taking Genius Hour to the Next
Level!

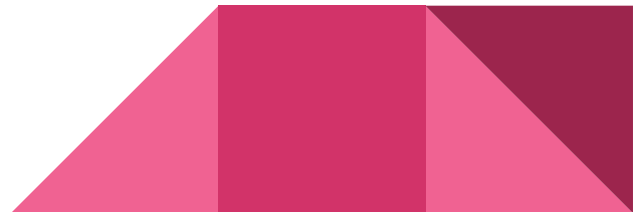
20 Time; Based on Real World Problems

- ★ **Real World Application**
- ★ **Global Awareness**
- ★ **Increases Problem Solving Skills**
- ★ **Allows for Self Reflection
and Improvement**



Example of a child's presentation:

Ashley



Summary/Takeaways

Text: JAIMEHANSEN551 to 22333

Name something that you were able to take away from this presentation...

 When poll is active, respond at **PollEv.com/jaimenhansen551**  Text **JAIMEHANSEN551** to **22333** once to join

References:

Buchanan, S. s., Harlan, M. M., Bruce, C. c., & Edwards, S. s. (2016). Inquiry Based Learning Models, Information Literacy, and Student Engagement: A literature review. *School Libraries Worldwide*, 22(2), 23-39.

Genius Hour Broken Down Into Steps. (n.d.). Retrieved January 24, 2018, from <http://www.gallitzvi.com/my-blog/genius-hour-broken-down-into-steps>

Getting Started With #GeniusHour – A Free Webinar. (2015, October 13). Retrieved January 24, 2018, from <http://ajjuliani.com/webinar/>

Katrein, J. (2016). Inquiry, Engagement, Passion, and Grit: Dispositions for Genius Hour. *Reading Teacher*, 70(2), 241.
doi:10.1002/trtr.1496

Mackenzie, T. (2016) *Dive into Inquiry: Amplify learning and empower student voice*. Irvine, CA: EdTechTeam Press



References (cont'd):

Muenks, K., Yang, J. S., & Wigfield, A. (2017). Associations Between Grit, Motivation, and Achievement in High School Students. *Motivation Science*, doi: 10.1037/mot0000076

RUSH, E. B. (2015). Genius Hour in the Library. *Teacher Librarian*, 43(2), 26-30.

S. (2013, December 19). How To Change The World (a work in progress) | Kid President. Retrieved January 24, 2018, from <https://www.youtube.com/watch?v=4z7gDsSKUmU>

6 Principles Of Genius Hour In The Classroom. (2017, November 15). Retrieved January 24, 2018, from <https://www.teachthought.com/learning/6-principles-of-genius-hour-in-the-classroom/>

20-Time In Education Inspire. Create. Innovate. (n.d.). Retrieved January 24, 2018, from <http://www.20timeineducation.com/>



References (cont'd)

West, J. M., & Roberts, K. L. (2016). Caught up in Curiosity: Genius Hour in the Kindergarten Classroom. *Reading Teacher*, 70(2), 227-232.

Where Passions Come Alive. (n.d.). Retrieved January 24, 2018, from <http://www.geniushour.com/>



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