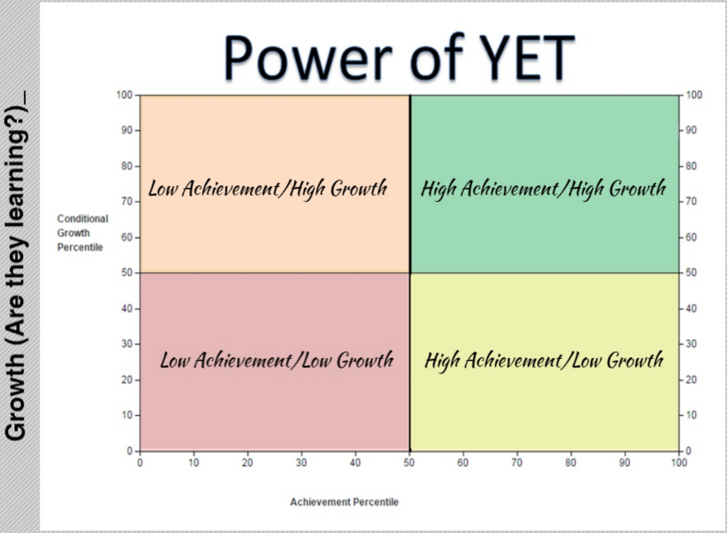
Creating a Culture of YET:

Impact of Growth Mindset on Student Effort & Achievement
Mineola Middle School

Staci Durnin, Michele Frascogna, Jenn Maichin

Cristiano Calvao, Jen Escobar, Ximena Escobar, Elizabeth Fernandez, Sara Goncalves, Billy Grotheer, Richie Hradek, Katelin Kelly, Sam Kille Andrew Koshy, Dilraj Matharoo, Sarah Miller, Leslyn Salgado

NWEA: Data Collection

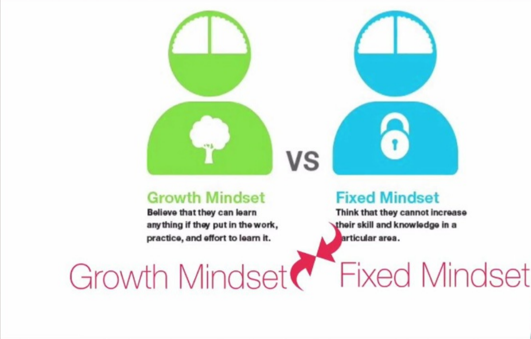

Power of YET
Growth (Are they learning?)_
Conditional Growth Percentile
Achievement Percentile
Low Achievement/High Growth
High Achievement/High Growth
Low Achievement/Low Growth
High Achievement/Low Growth
0
10
20
30
40
50
60
70
80
90
100

Achievement (Are they on grade level?)

Mineola
PUBLIC SCHOOLS
... For a Lifetime of Learning

"THE MISSION OF THE MINEOLA UNION FREE SCHOOL DISTRICT IS TO INSPIRE EACH STUDENT TO BE A LIFE-LONG LEARNER, PURSUE EXCELLENCE, EXHIBIT STRENGTH OF CHARACTER AND CONTRIBUTE POSITIVELY TO A GLOBAL SOCIETY. "

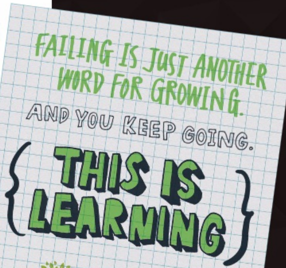
We will inspire our students to be life long learners...


VS

Growth Mindset
Believe that they can learn anything if they put in the work, practice, and effort to learn it.

Fixed Mindset
Think that they cannot increase their skill and knowledge in a particular area.

Growth Mindset
Fixed Mindset

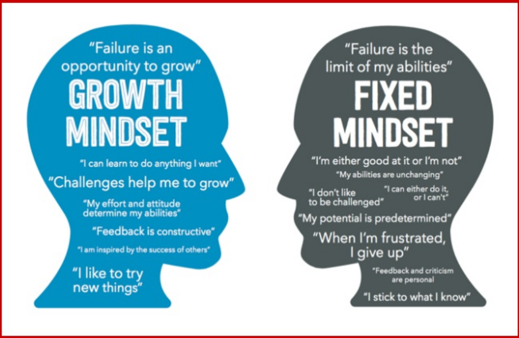

FAILING IS JUST ANOTHER WORD FOR GROWING.
AND YOU KEEP GOING.
{ THIS IS LEARNING }

PRAISE EFFORT NOT ABILITY=
Results

KHANACADEMY

I am a life long learner...

Leslyn


"Failure is an opportunity to grow"
GROWTH MINDSET
"I can learn to do anything I want"
"Challenges help me to grow"
"My effort and attitude determine my abilities"
"Feedback is constructive"
"I am inspired by the success of others"
"I like to try new things"
"Failure is the limit of my abilities"
FIXED MINDSET
"I'm either good at it or I'm not"
"My abilities are unchanging"
"I don't like to be challenged"
"I can either do it, or I can't"
"My potential is predetermined"
"When I'm frustrated, I give up"
"Feedback and criticism are personal"
"I stick to what I know"

When someone is better than me at something I find strategies...

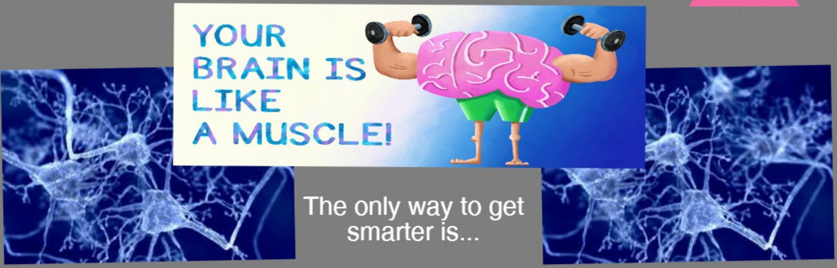
If something is challenging I'm happy because...

If I fail or make a mistake I know that if I keep trying...

If something is easy for me then...

I am a life long learner...
Brain Science

Sarah M.


YOUR BRAIN IS LIKE A MUSCLE!

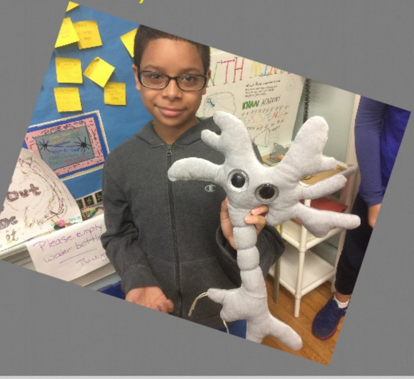
The only way to get smarter is...

This is what it looks like to get smarter

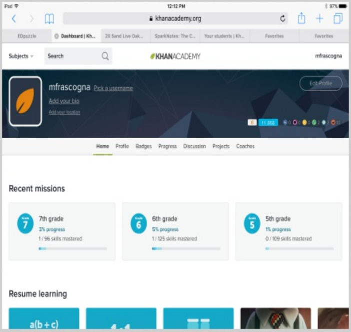
get smarter...

In class... (minutes=effort)

adidas
soccer


Please empty water bottle
Out
KHAN ACADEMY

Teaching Growth Mindset through Khan Academy


iPad
12:12 PM
97%
khanacademy.org
EDpuzzle
Dashboard | Kh...
20 Sand Live Oak...
SparkNotes: The C...
Your students | Kh...
Favorites
Favorites
Subjects
Search
KHANACADEMY
mfrascogna
Edit Profile
Home
Profile
Badges
Progress
Discussion
Projects
Coaches
a(b + c)

mfrascogna Pick a username

Add your bio

Add your location

0 11,966

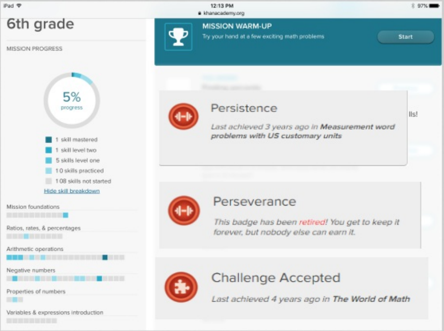
Recent missions

7th grade
3% progress
1 / 96 skills mastered

6th grade
5% progress
1 / 125 skills mastered

5th grade
1% progress
0 / 109 skills mastered

Resume learning


iPad
12:13 PM
khanacademy.org
97%
Start
lls!

6th grade

MISSION PROGRESS

5% progress

- 1 skill mastered
- 1 skill level two
- 5 skills level one
- 10 skills practiced
- 108 skills not started

Hide skill breakdown

Mission foundations

Ratios, rates, & percentages

Arithmetic operations

Negative numbers

Properties of numbers

Variables & expressions introduction

MISSION WARM-UP

Try your hand at a few exciting math problems

Persistence

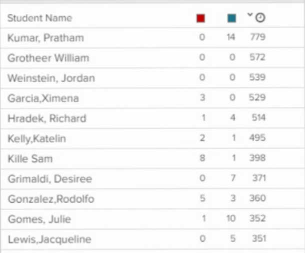
Last achieved 3 years ago in ***Measurement word problems with US customary units***

Perseverance

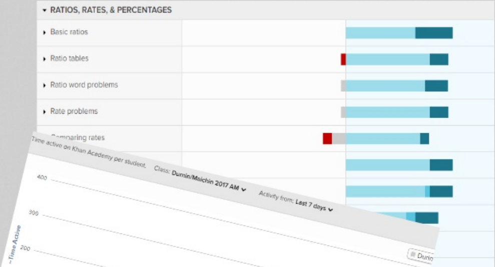
This badge has been retired! You get to keep it forever, but nobody else can earn it.

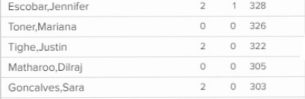
Challenge Accepted

Last achieved 4 years ago in ***The World of Math***

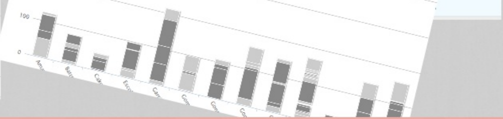


Student Name	🟥	🟦	⌄🕒
Kumar, Pratham	0	14	779
Grotheer William	0	0	572
Weinstein, Jordan	0	0	539
Garcia,Ximena	3	0	529
Hradek, Richard	1	4	514
Kelly,Katelin	2	1	495
Kille Sam	8	1	398
Grimaldi, Desiree	0	7	371
Gonzalez,Rodolfo	5	3	360
Gomes, Julie	1	10	352
Lewis,Jacqueline	0	5	351


RATIOS, RATES, & PERCENTAGES
Basic ratios
Ratio tables
Ratio word problems
Rate problems
Comparing rates
Time active on Khan Academy per student.
Class: Durnin/Maichin 2017 AM
Activity from: Last 7 days
400
300
200
Time Active
Durin



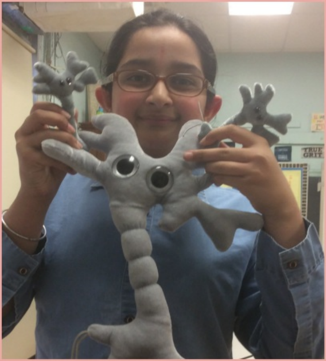
Escobar,Jennifer	2	1	328
Toner,Mariana	0	0	326
Tighe,Justin	2	0	322
Matharoo,Dilraj	0	0	305
Goncalves,Sara	2	0	303



I am a life long learner...

"The worst mistake you can ever make is to be too afraid to make one"

Dilraj



What I like most about myself is that...

When I made mistakes in the past I used to feel...

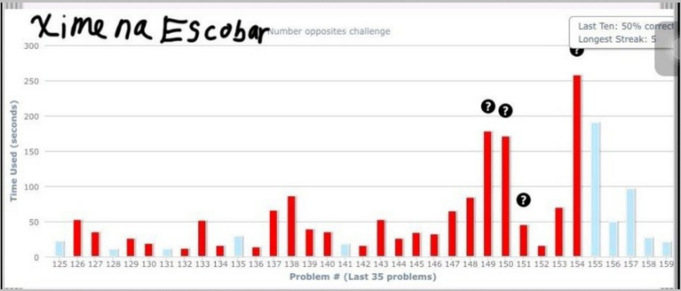
Now when I make mistakes...

CELEBRATE!! CHEER!!!

I am a life long learner...

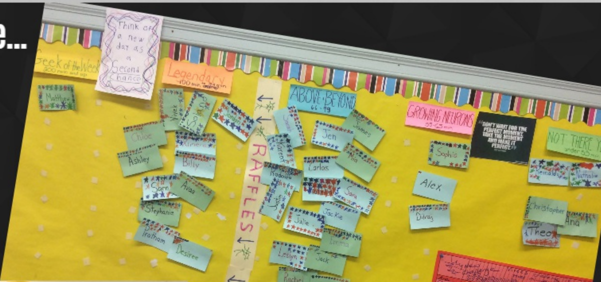
Ximena

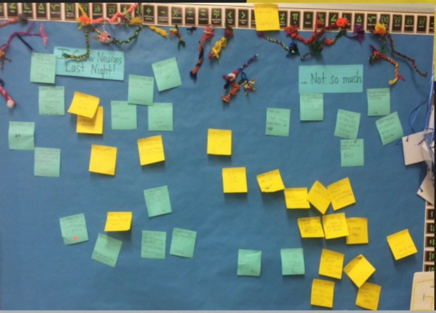
This is what it looks like to grow neurons...

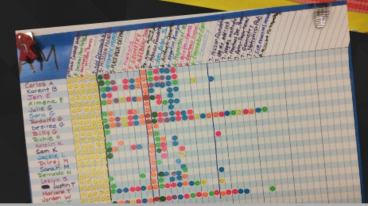


I pursue excellence...

Sara G.

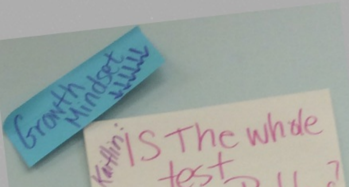

Think of a new day as a Second Chance
Geek of the Week
Legendary
ABOVE BEYOND
GROWING NEURONS
NOT THERE YET
RAFFLES
DON'T WAIT FOR THE PERFECT MOMENT, TAKE THE MOMENT AND MAKE IT PERFECT.
Matthew
Chloe
Ashley
Ximena
Billy
Ava
Stephanie
Desiree
Jen
Carlos
Mia
Sara
Jackie
Julie
Sophia
Alex
Dilraj
Christopher
Ana
Theo


Growing Neurons Last Night!
... Not so much


Carlos A
Karent B
Jen E
Ximena E
Julie G
Sara G
Rodolfo G
Desiree G
Billy G
Richie H
Katelin K
Sam K
Jackie L
Dilraj M
Sarah M
Reinaldo N
Leslyn S
Justin T
Mariana T
Jordan W

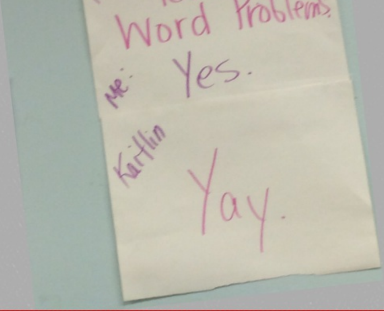
I pursue excellence...

Katelin


Growth Mindset
Katelin: IS The whole test

*"Learning math isn't easy for me"

* "When I struggle I learn more, I want to struggle through it because it makes me better."



Word Problems.

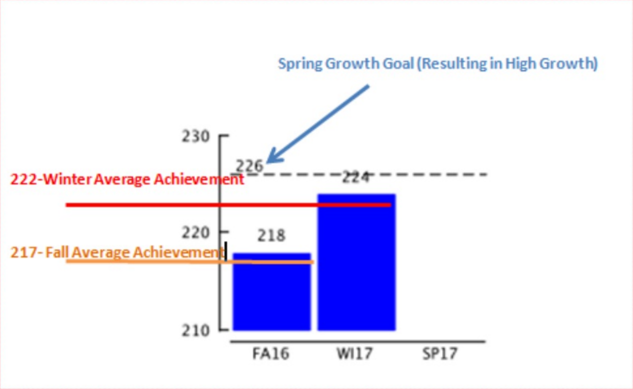
Me: Yes.

Kaitlin

Yay.

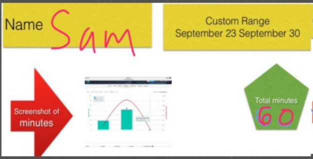
EASY
IS
BORING

The Data



I pursue excellence...

Sam

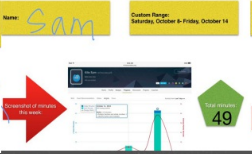


Name Sam

Custom Range
September 23 September 30

Screenshot of minutes

Total minutes 60

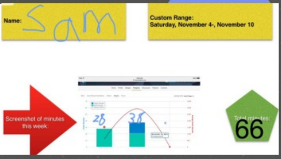


Name: Sam

Custom Range:
Saturday, October 8- Friday, October 14

Screenshot of minutes this week:

Total minutes: 49

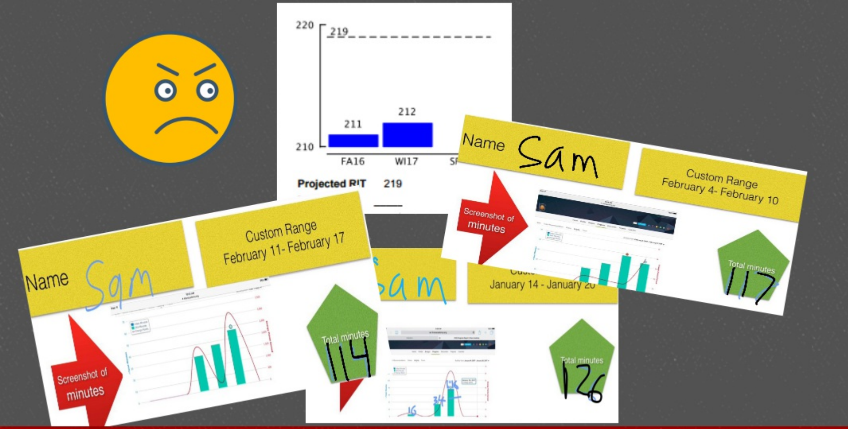


Name: Sam

Custom Range:
Saturday, November 4-, November 10

Screenshot of minutes this week:

Total minutes: 66



Projected RIT 219

Name Sam

Custom Range February 11- February 17

Screenshot of minutes

Total minutes 114

Name Sam

January 14 - January 20

Total minutes 126

Name Sam

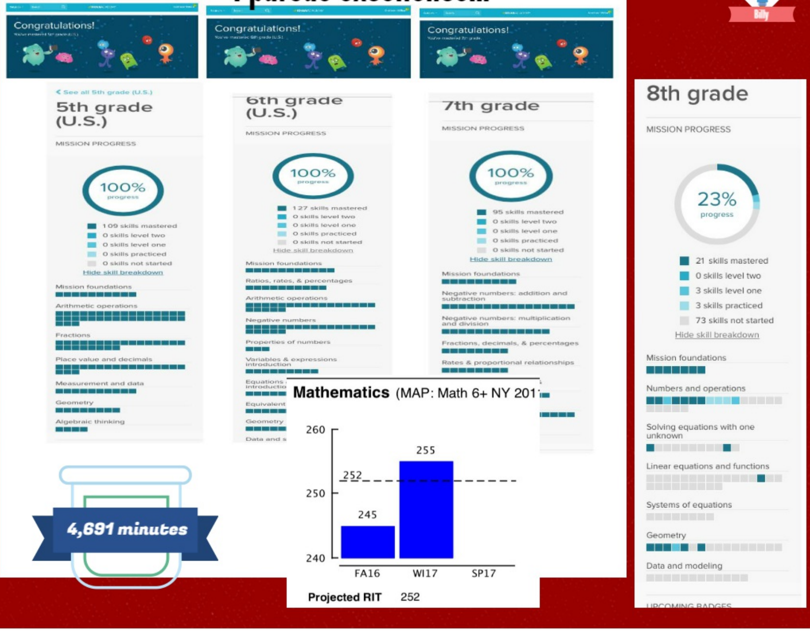
Custom Range February 4- February 10

Screenshot of minutes

Total minutes 117

I pursue excellence...

Billy



Congratulations!
You've mastered 5th grade (U.S.)

Congratulations!
You've mastered 6th grade (U.S.)

Congratulations!
You've mastered 7th grade.

< See all 5th grade (U.S.)

5th grade (U.S.)

MISSION PROGRESS

100% progress

- 109 skills mastered
- 0 skills level two
- 0 skills level one
- 0 skills practiced
- 0 skills not started

Hide skill breakdown

Mission foundations

Arithmetic operations

Fractions

Place value and decimals

Measurement and data

Geometry

Algebraic thinking

6th grade (U.S.)

MISSION PROGRESS

100% progress

- 127 skills mastered
- 0 skills level two
- 0 skills level one
- 0 skills practiced
- 0 skills not started

Hide skill breakdown

Mission foundations

Ratios, rates, & percentages

Arithmetic operations

Negative numbers

Properties of numbers

Variables & expressions introduction

Equations introductio

Equivalent

Geometry

Data and s

7th grade

MISSION PROGRESS

100% progress

- 95 skills mastered
- 0 skills level two
- 0 skills level one
- 0 skills practiced
- 0 skills not started

Hide skill breakdown

Mission foundations

Negative numbers: addition and subtraction

Negative numbers: multiplication and division

Fractions, decimals, & percentages

Rates & proportional relationships

8th grade

MISSION PROGRESS

23% progress

- 21 skills mastered
- 0 skills level two
- 3 skills level one
- 3 skills practiced
- 73 skills not started

Hide skill breakdown

Mission foundations

Numbers and operations

Solving equations with one unknown

Linear equations and functions

Systems of equations

Geometry

Data and modeling

UPCOMING BADGES

Mathematics (MAP: Math 6+ NY 201

260
255
252
250
245
240
FA16
WI17
SP17

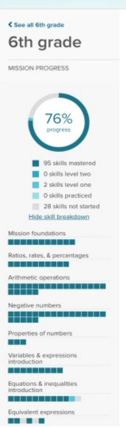
Projected RIT 252

4,691 minutes

I pursue excellence...

2,951 minutes

Andrew K



‹ See all 6th grade

6th grade

MISSION PROGRESS

76% progress

- 95 skills mastered
- 0 skills level two
- 2 skills level one
- 0 skills practiced
- 28 skills not started

Hide skill breakdown

Mission foundations

Ratios, rates, & percentages

Arithmetic operations

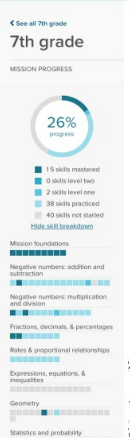
Negative numbers

Properties of numbers

Variables & expressions introduction

Equations & inequalities introduction

Equivalent expressions



‹ See all 7th grade

7th grade

MISSION PROGRESS

26% progress

- 15 skills mastered
- 0 skills level two
- 2 skills level one
- 38 skills practiced
- 40 skills not started

Hide skill breakdown

Mission foundations

Negative numbers: addition and subtraction

Negative numbers: multiplication and division

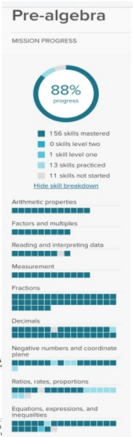
Fractions, decimals, & percentages

Rates & proportional relationships

Expressions, equations, & inequalities

Geometry

Statistics and probability



Pre-algebra

MISSION PROGRESS

88% progress

- 156 skills mastered
- 0 skills level two
- 1 skill level one
- 13 skills practiced
- 11 skills not started

Hide skill breakdown

Arithmetic properties

Factors and multiples

Reading and interpreting data

Measurement

Fractions

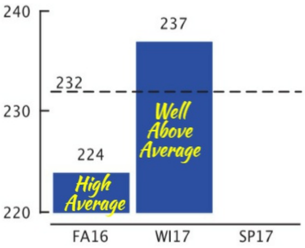
Decimals

Negative numbers and coordinate plane

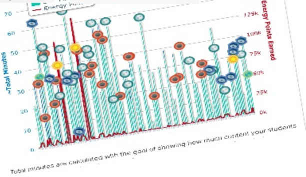
Ratios, rates, proportions

Equations, expressions, and inequalities

Mathematics (MAP: Math 6+ NY 20

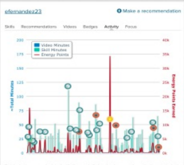


Projected RIT 232



Total minutes are calculated with the goal of showing how much content your students

I pursue excellence...



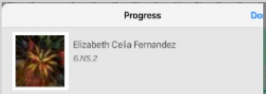
efernandez23

Make a recommendation

Skills
Recommendations
Videos
Badges
Activity
Focus
Video Minutes
Skill Minutes
Energy Points
Total Minutes
Energy Points Earned
200
175
150
125
100
75
50
25
0
40k
35k
30k
25k
20k
15k
10k
5k
0k

2603 minutes

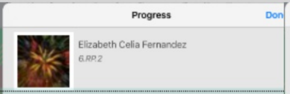
Elizabeth



Progress

Elizabeth Celia Fernandez

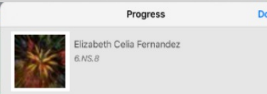
6.NS.2



Progress

Elizabeth Celia Fernandez

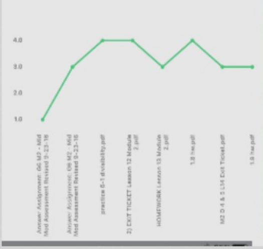
6.RP.2

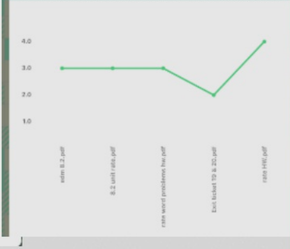


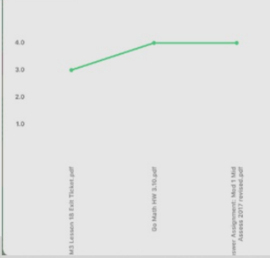
Progress

Elizabeth Celia Fernandez

6.NS.8







I exhibit strength of character...

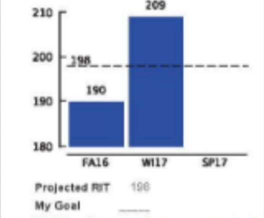
Jen E

I was realizing that my friends were learning more than me because they were trying to learn even when they were confused

POWER OF YET
GROWING
WHAT IT IS
SNAP!

I exhibit strength of character...

Cristiano



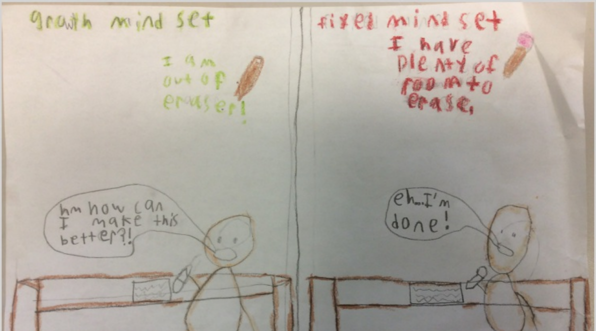
2,736 minutes= 45.6 hours!!!!

WEEKEND WARRIOR
Cristiano
Josh M.

WEEKEND WARRIOR

... I will contribute positively to a global society.

Richie

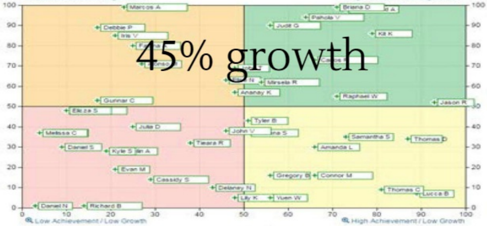

growth mind set
I am out of eraser!
hm how can I make this better?!
fixed mind set
I have plenty of room to erase,
eh..I'm done!

Download from
Dreamstime.com

AFTER
SCHOOL
CLUBS

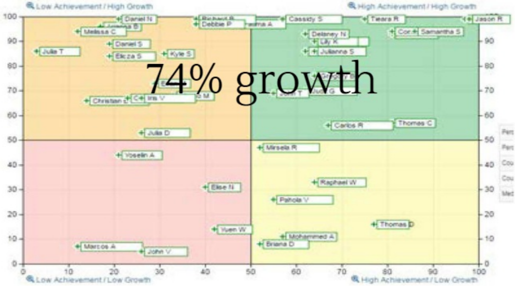
Correlation between Effort & Achievement

Fall



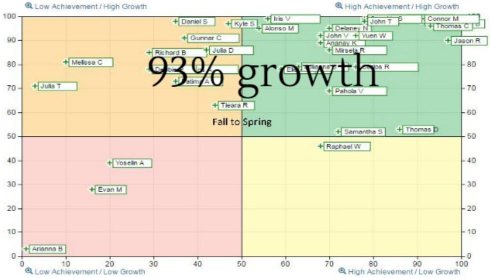
45% growth

Fall to Winter



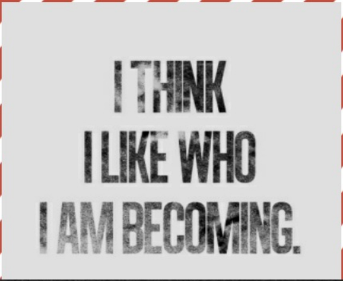
74% growth

Fall to Spring

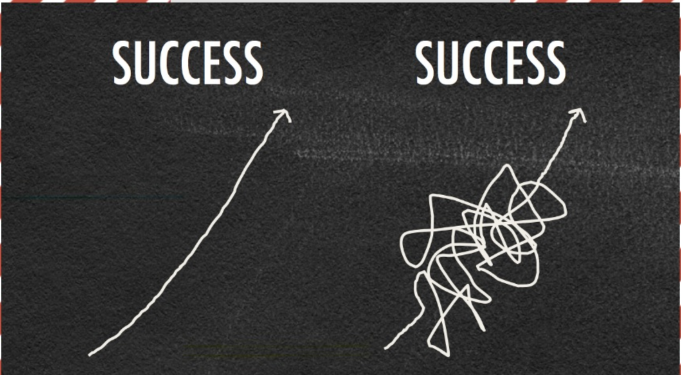


93% growth

Fall to Spring



I THINK
I LIKE WHO
I AM BECOMING.


SUCCESS
SUCCESS

What people think it looks like

What it really looks like

TheLeaderinMe.org

#TLIM