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Gameful Education: Can We Have Meaningful Learning in the Classroom Through Game Playing?

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CAFÉ EXPLORER APRIL 10, 2019

Carolyn Plump Kathiana Cajuste Taylor Kauffman Alexander Wilson

Can we incorporate game play into courses and still achieve meaningful learning?

QUESTION

SUPER

A Revolutionary
Approach to Getting
Stronger, Happier,
Braver and
More Resilient*

JANE McGONIGAL

*Powered by the Science of Games



- 1. Challenge Yourself
- 2. Activate Power Ups
- 3. Battle Villains
- 4. Complete Quests
- 5. Identify Allies
- 6. Adopt a Secret Identity
- 7. Go for an Epic Win

GAME ELEMENTS

QUEST	REWARD
Pleistocene Era	Online Class
Spot Check	Bagels, Bars, Fruit
Beat the Clock	Bring in dog
Importance of Mistakes	Cookies and Milk
Mission Accomplished	Online Test
Early Bird	Drinks on me @ Saxby's
Perfect Attendance	Extra Credit Points
Above Average	Class Outside

CLASS QUESTS & REWARDS Examples

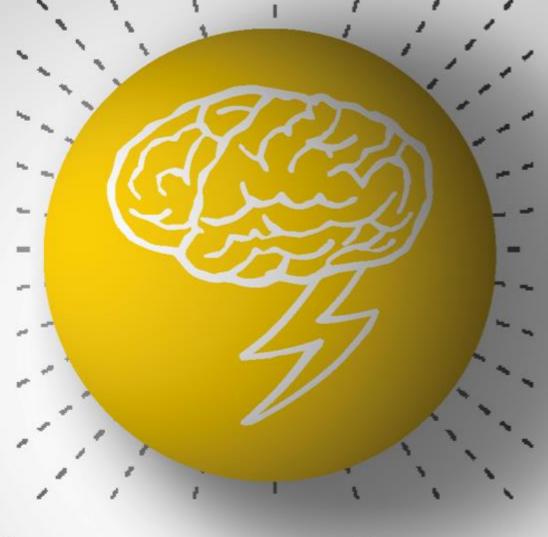
1. Mental Resilience

2. Emotional Resilience

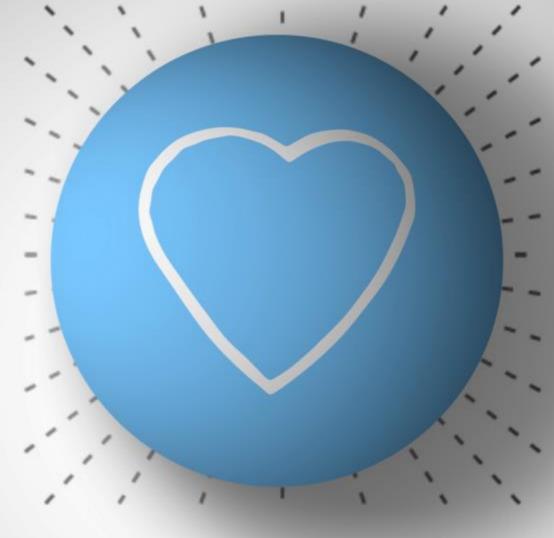
3. Social Resilience

4. Physical Resilience



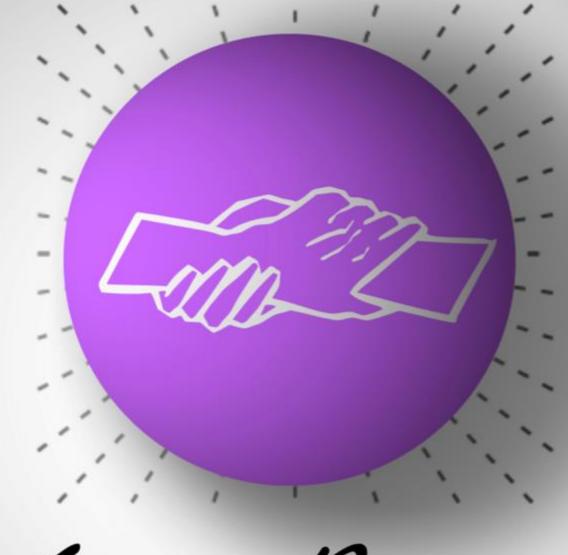


+1 Mental Resilience!



+ 1 Emotional Resilience!





+1 Social Resilience!



1 Physical Resilience

MENTAL SOCIAL **PHYSICAL EMOTIONAL** Work out Listen to court case Gratitude prompts Team game Ask a question Digital gratitude Friend activity 8 hours sleep Research topic Model gratitude Music sharing Play with pet

Appt. w/counselor

Try new activity

POWER UPS

Classmate

Building Resilience

Sing or dance

Procrastination Guilt Trip Going it Alone **Activity Overload Guilty Twin** Presenteeism Snooze Button Devil Wears Prada **Doubting Thomas Technology Overload** Solitary Confinement Junk Food Dependency Social Media Suction Sticky Chair Toxic People Too Headed Monster Picasso Blue Day Netflix Necromancer Dracula Syndrome Dogs Days of Summer **Comparison Central** Perfectionist **FOMA** Geographically Inadequate Fear of Failure Dastardly Disorganization

VILLAINS

Battles

SUPERBETTER: LESSONS LEARNED

Obstacles & Limitations

- 1. Additional Work
- 2. Negative View of Journaling
- 3. Resistance to New Theory
- 4. Creating Connection to Course
- 5. Required Too Much Time

Advantages

- 1. Engagement
- 2. Long-Term Impact
- 3. Brought Attention to Habits
- 4. Fun
- 5. Participation from All Students



DEBRIEF Session

- 1. Students: What did you like about Super Better?
- 2. Students: What did you dislike?
- 3. Audience: What games could be incorporated into your classes?
- 4. Audience: What concerns do you have about this approach?

QUESTIONS FOR DISCUSSION