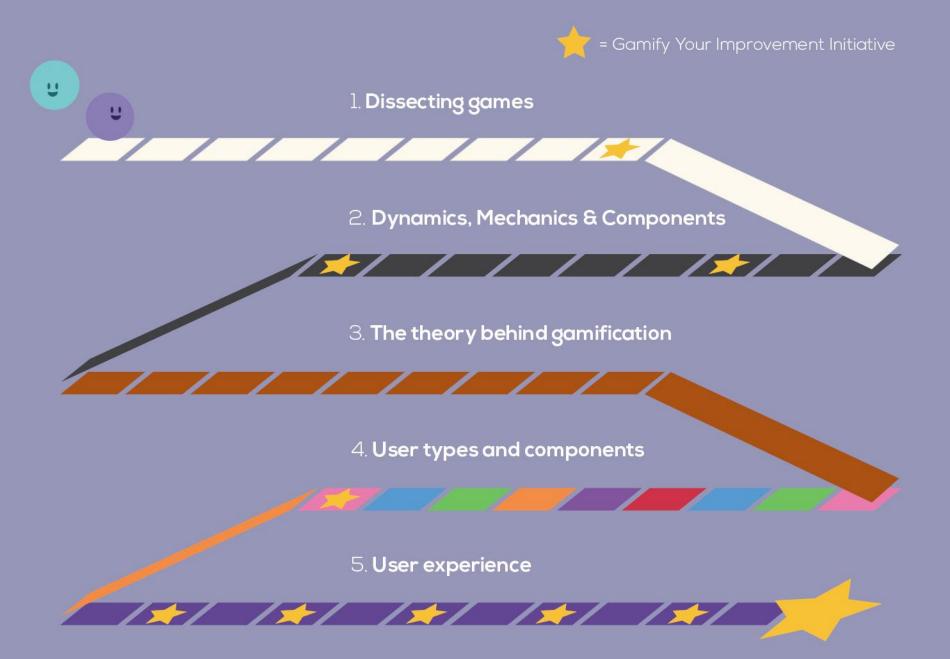


PRESS START









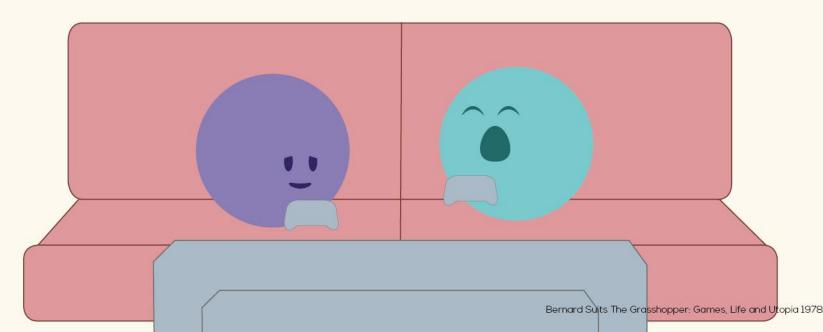




What is a game?

- The voluntary attempt to overcome unnecessary obstacles
- Games include three things:

 - A goal
 A "lusory attitude"
 - 3. Rules





of American households include one video gamer



151.5 million people watched televised NFL/NBA/NHL

213.8 million people watch competitive gaming 73% age 18 Average age of a gamer is

are \geq

Entertainment Software Association. 2016 Essential Facts about the Computer and Video Game Industry. [online report] Retrieved Aug 17, 2016 from http://www.theesa.com/wp-content/uploads/2016/04/Essential-Facts-2016.pdf

> Superdata, 2016 eSports Market Report, Executive Summary retrieved Aug 17, 2016 from http://superdata-research.myshopify.com/products/spring-2016-esports-market-report

Statista. Number of TV viewers of major sporting events in the United States as of June 2014. Retrieved Aug 17, 2016 from http://www.statista.com/statistics/311949/number-tv-viewers-sporting-events-usa/

The BIGGEST game in the US

Surpassed Twitter for daily users

2 million active users within the first 2 weeks

More time spent on it than Facebook

Cafes, bars, restaurants purchasing 'lure modules' to attract monsters, driving customer traffic

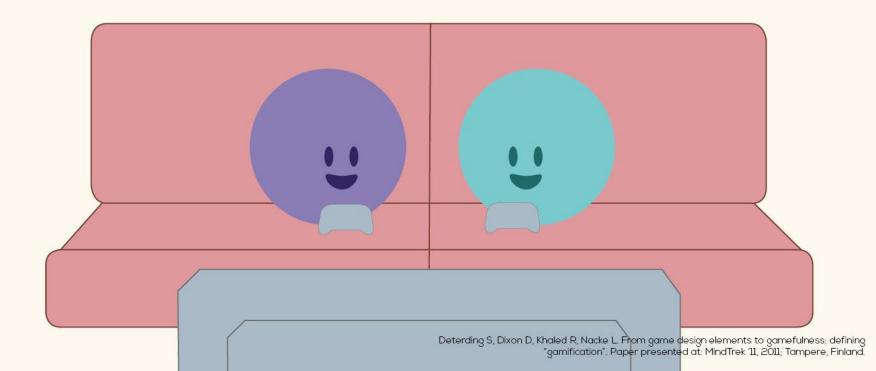
Added \$7.5 billion to Nintendo's market value

Image courtesy of CBC

Yu, H. What Pokemon Go's Success Means for the Future of Augemented Reality. Fortune. Jul 23, 2016 Vincent, J. Pokemon Go's success adds 7.5 billion to Nintendo's market value. The Verge, Jul 11, 2016

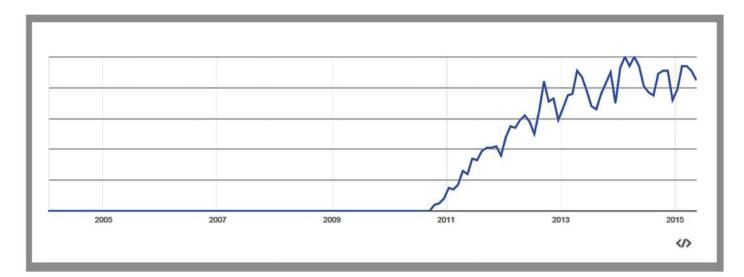
Gamification:

The use of game design and elements in non-gaming contexts





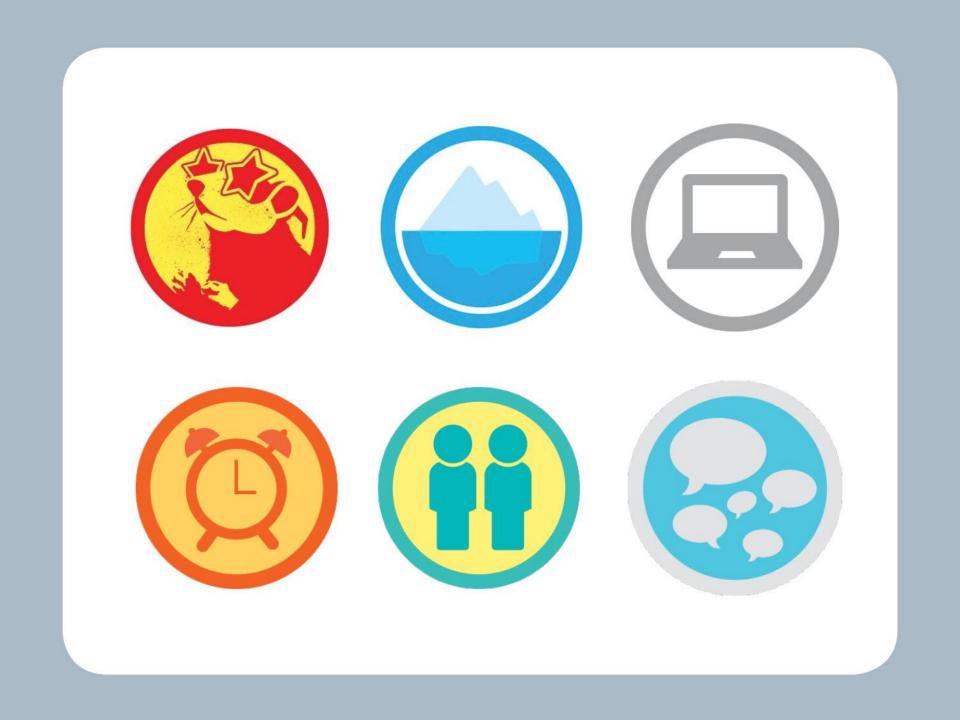






dodgeball!





FOURSQUARE \$ By 2011, the company was valued at 600 million

By 2013, the company had achieved: over 2 BILLION check-ins 000 3 million per day



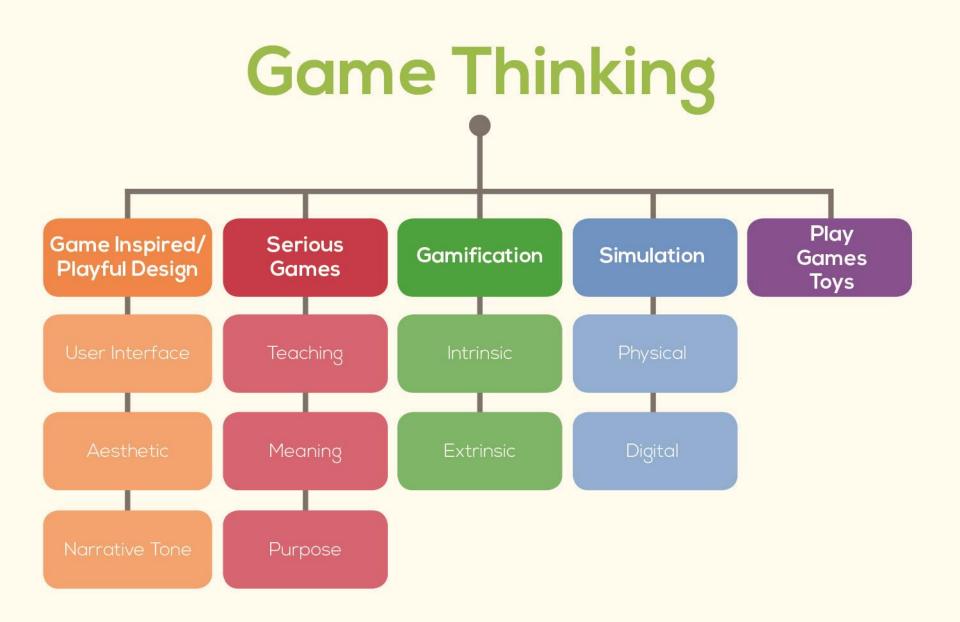
support in 11 countries

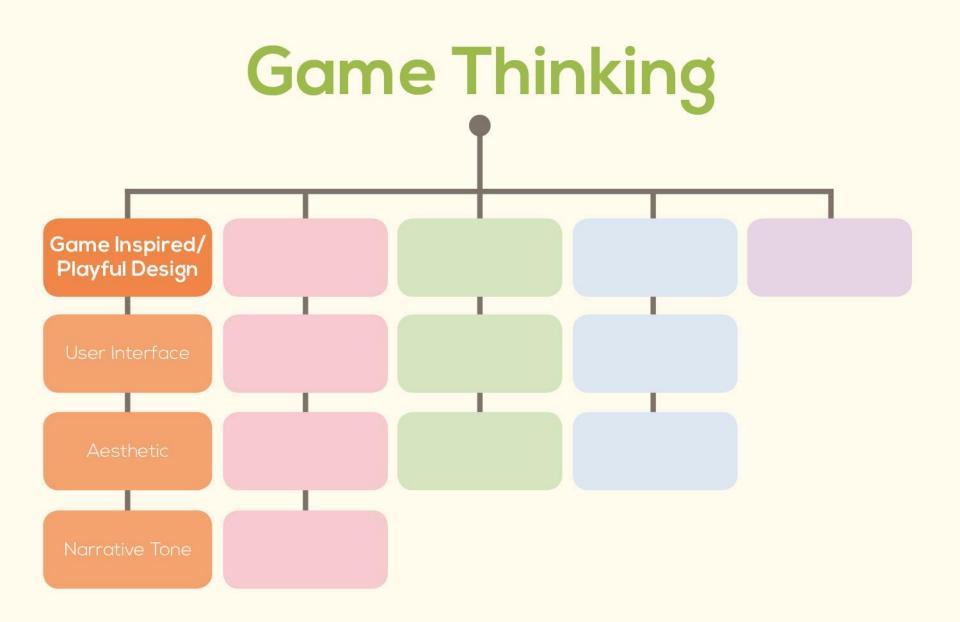
"Foursquare revenue is at least doubling every year"
 - CRO Steven Rosenblatt

45 million registered users

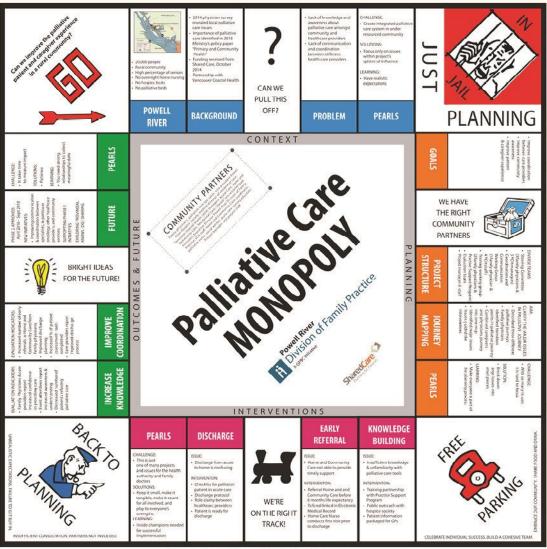


partnerships including American Express, Zagat, Bravo, and Condé Nast

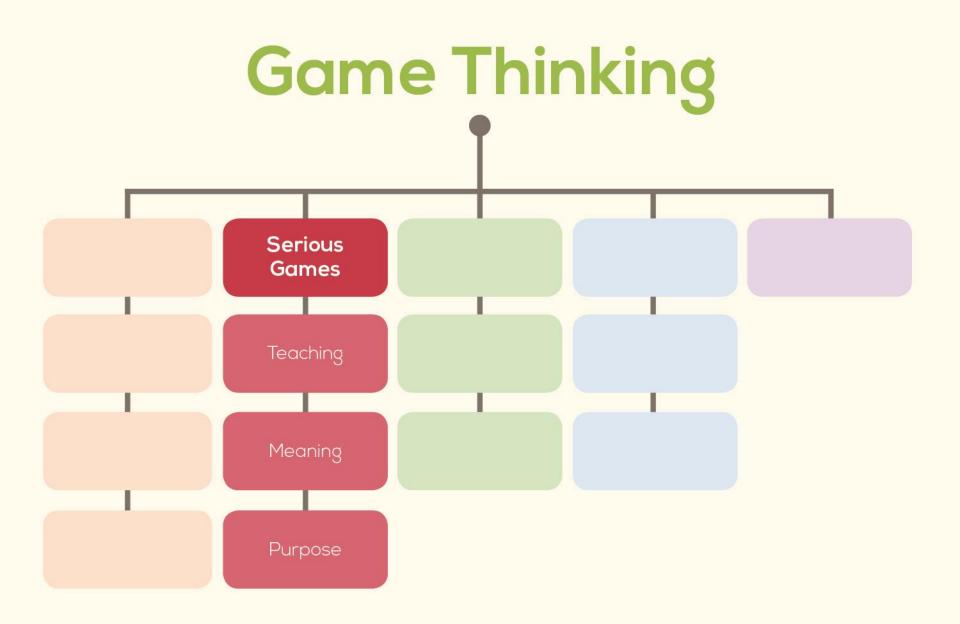




Game Inspired/Playful Design



For project resources visit: www.divisionsbc.ca/powellriver/resources



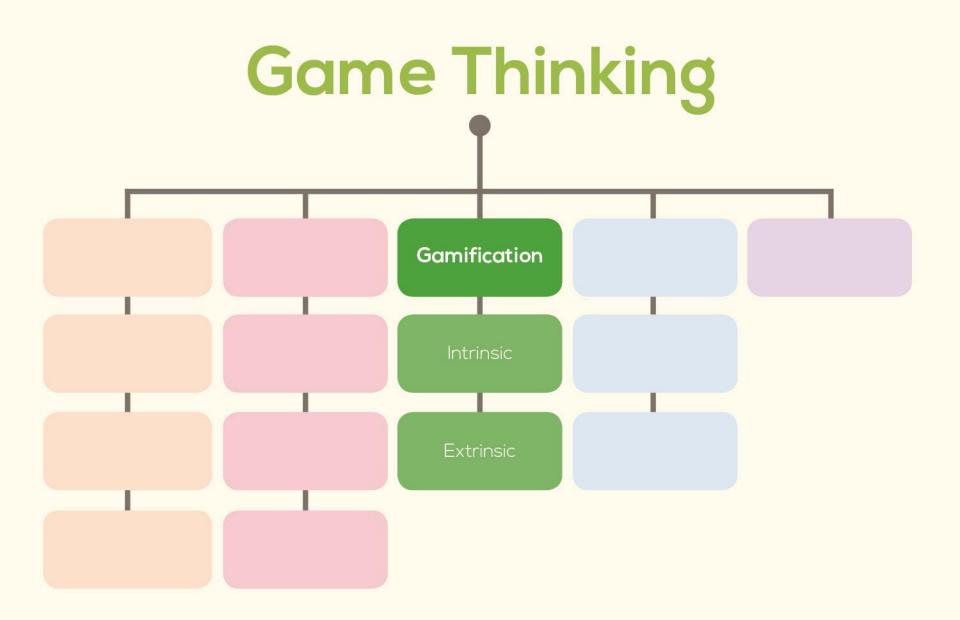
Serious Games

The world's first homeless tamagotchi A charity marketing masterstroke guardian Problem Results Depaul UK needed to attract 600,000+ downloads, becoming Revolutionary younger donors (affluent socially-No 1 downloaded app in UK conscious 30-somethings). within 5 days of launch (more JustGiving downloads than any free or paid for Solution app). 68,298 reviews on the app The iHobo App. Players were store.Equivalent engagement in responsible for a young homeless conventional digital channels would TOP FREE APPS person on their iPhone. After living have cost approximately £2.3million. with - and building a sense of 7 times more money raised through responsibility for - him for 3 days, the in-game donations. 93 x as many app prompted users to donate with individual donors as previous Depaul UK toleased 30 April 2010 campaigns. 1,200 new contacts on one click. Tee (LELAPP)

the Depaul UK database, with a potential lifetime donation value of as much as £1,76m (an ROI of 294:1).

Serious Games



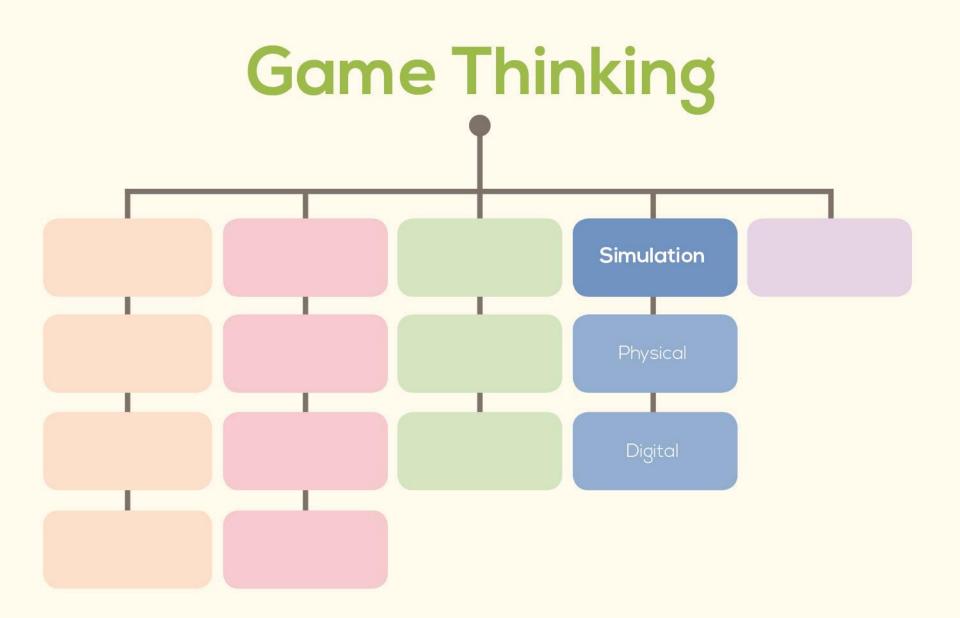








www.fitbit.com

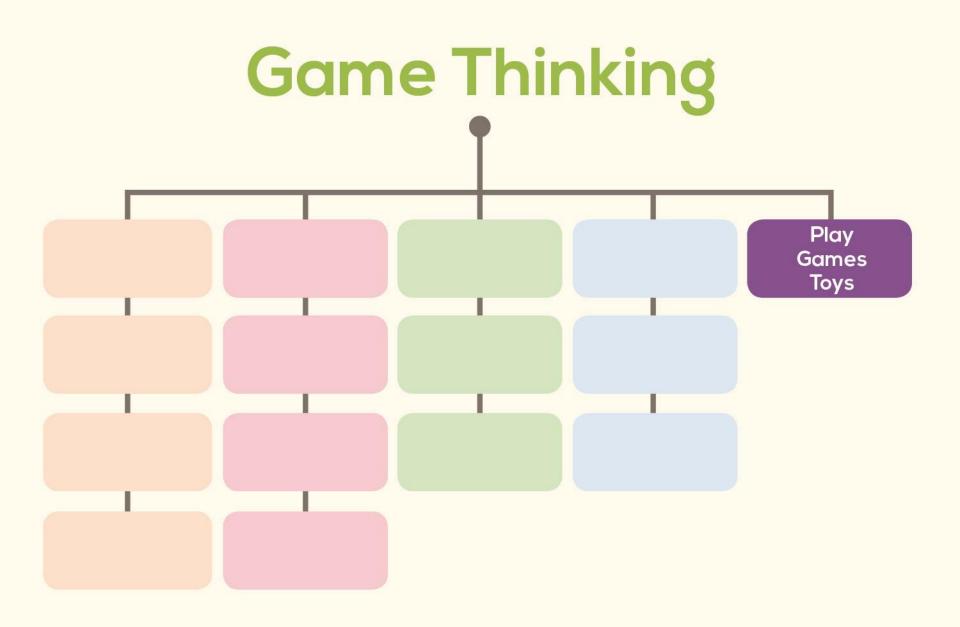


Simulation



Simulation









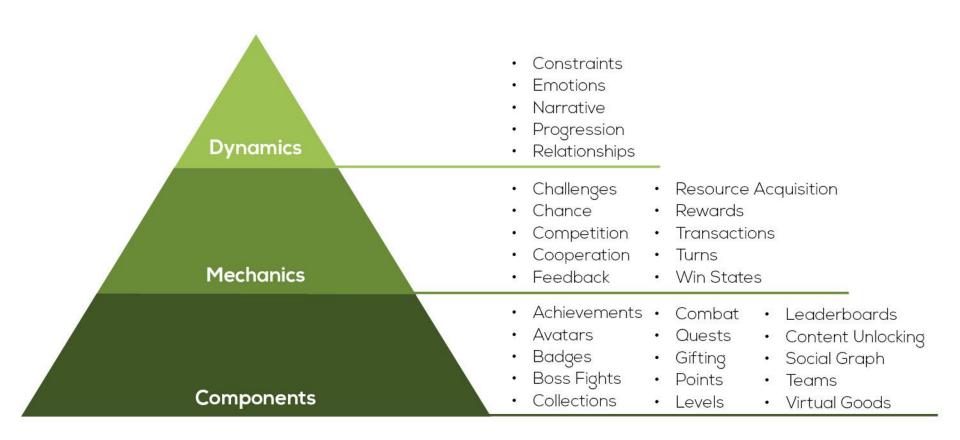
Games



Toys



The gamification pyramid



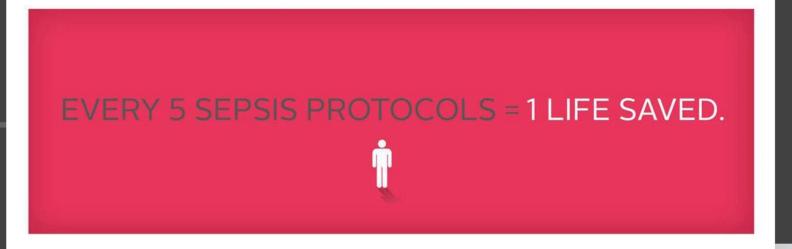














IN 150 DAYS...

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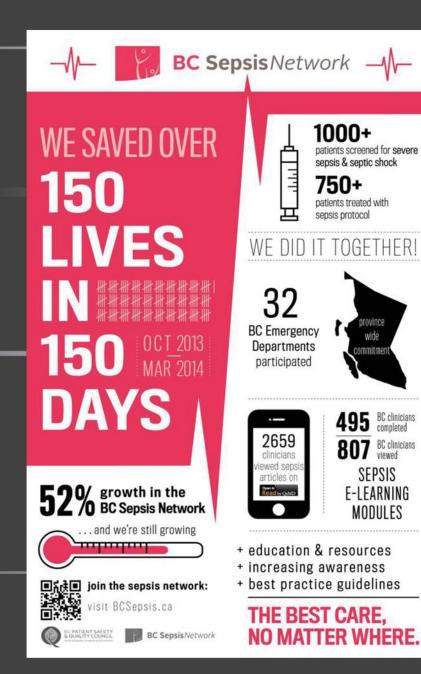












A little boost can make a big difference.

Introducing BoosterBuddy, a free app to help young people improve their mental health.



BoosterBuddy

viha.ca/boosterbuddy

VICTORIA HOSPITALS





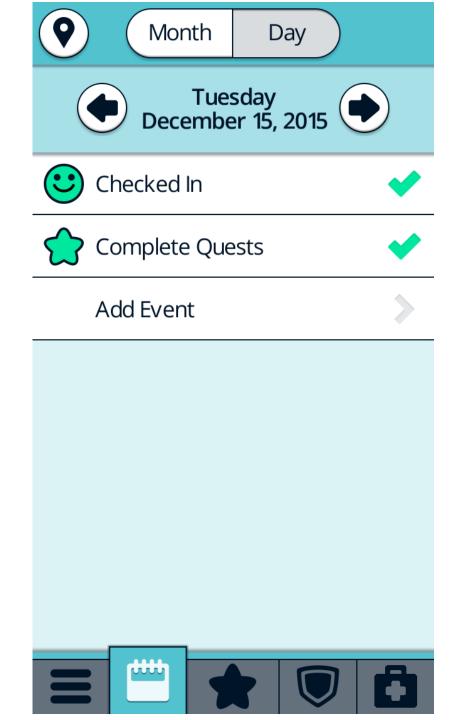


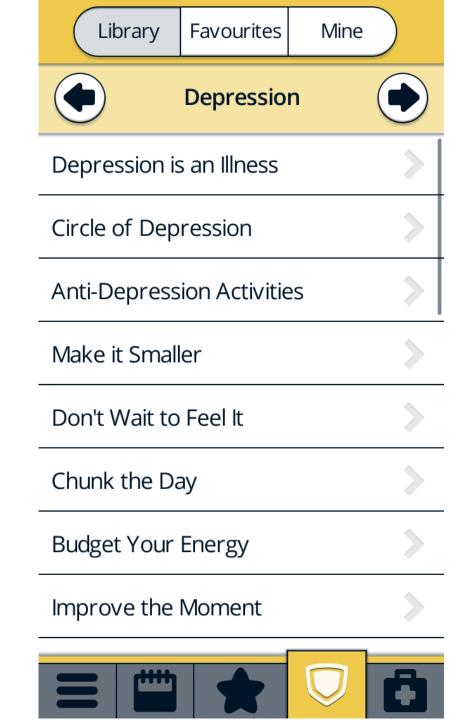
Welcome!

The awesome thing is, when you help me, you will also be helping yourself!

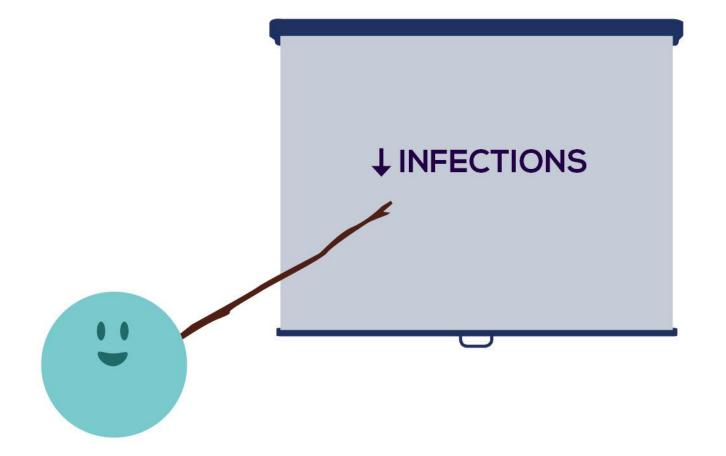
This app will help you pay attention to your mental health and do daily tasks to stay well.





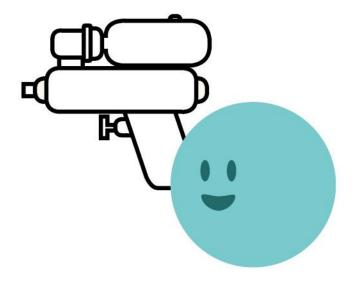








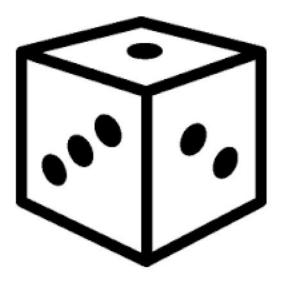










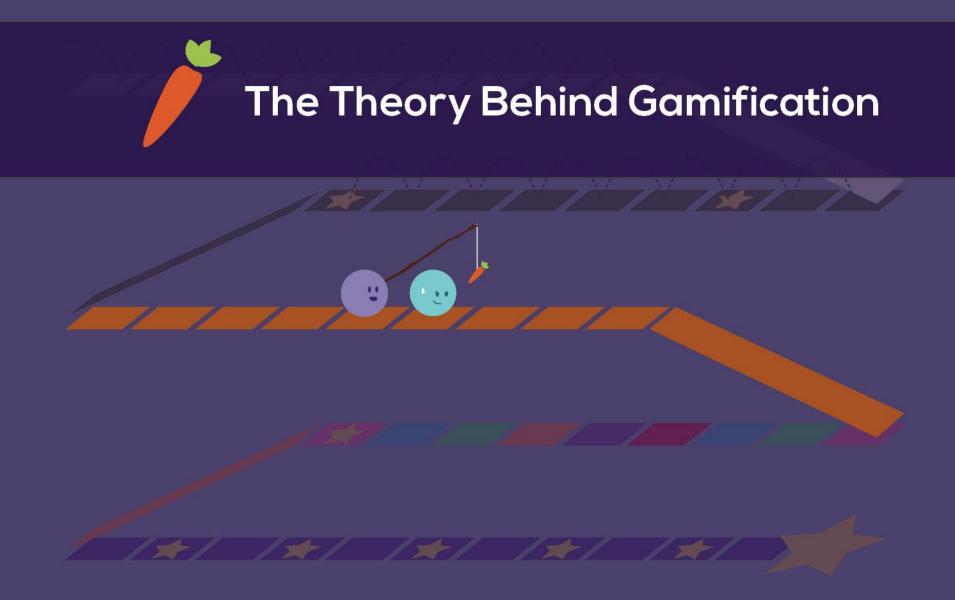


- 1 Operating Room
- 2 Primary Care Clinic
- 3 Emergency Department
- 4 Residential Care Home
- **5** Long Term Care Facility
- 6 Surgical Ward





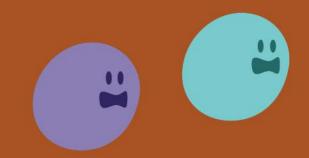
- 1 Improve Communication
- **2** Decrease Infections
- 3 Improve Patient Experiences
- 4 Improve Teamwork
- **5** Improve Patient Safety
- 6 Improve Access



The Motivational Spectrum

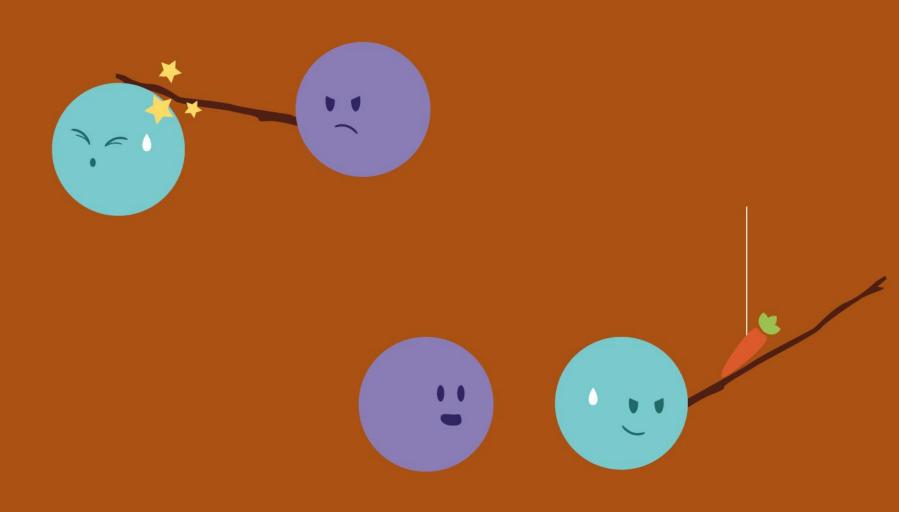
Amotivation	Extrinsic Motivation				Intrinsic Motivation
	External Regulation	Introjection	Identification	Integration	





Ryan R, Deci E, Intrinsic and Extrinsic Motivations: Classic Definitions and New Directions. Contemporary Educational Psychology 2000. 25(54-67).

Behaviourism







www.stickk.com



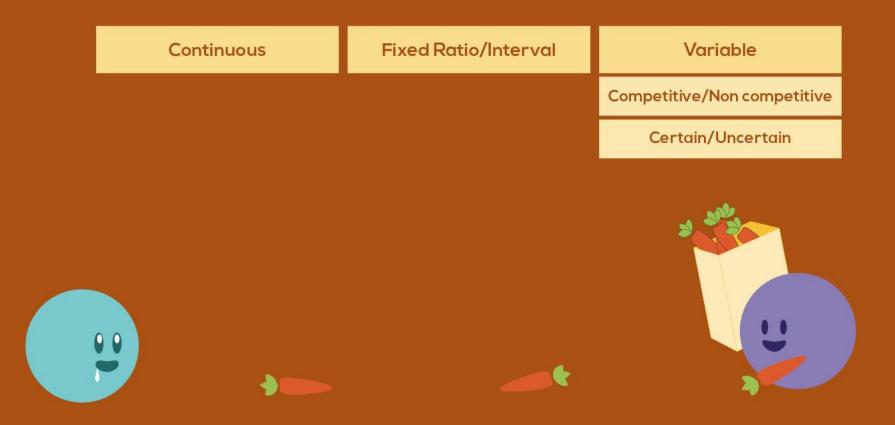


www.linkedin.com

Types of Rewards

Tangible/Intangible	Expected/Unexpected	Contingent
		Task
		Engagement
		Completion
	a and the	Performance
	U	

Reward Schedules



Cautions with Rewards

- Potential for abuse/manipulation
- Over-justification effect
- Overemphasis



Shifting Behaviours

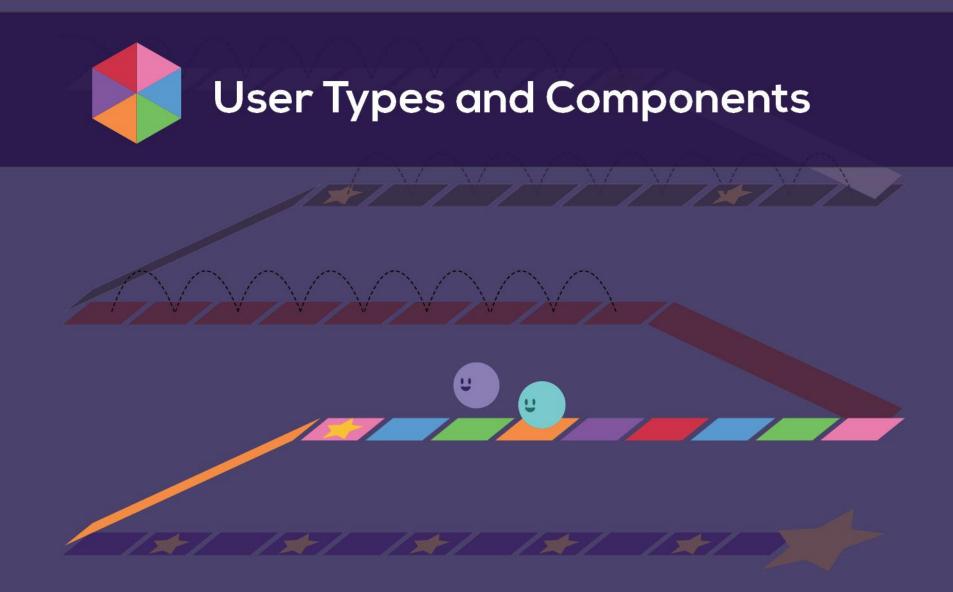
Intrinsic motivation and self-determination in human behaviour*	Drive: The surprising truth about what motivates us**	
Competence	Mastery	
Autonomy	Autonomy	
Relatedness	Purpose	

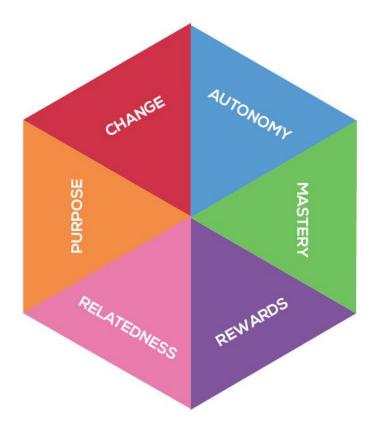
*Deci E, Ryan R. Intrinsic Motivation and self-determination in human behaviour. In: Aronson E, ed. Perspectives in Social Psychology. New York, NY; 1985.

** Pink D. Drive: The surprising truth about what motivates us. Riverhead Hardcover; New York, NY; 2009.

The Intrinsic Motivation

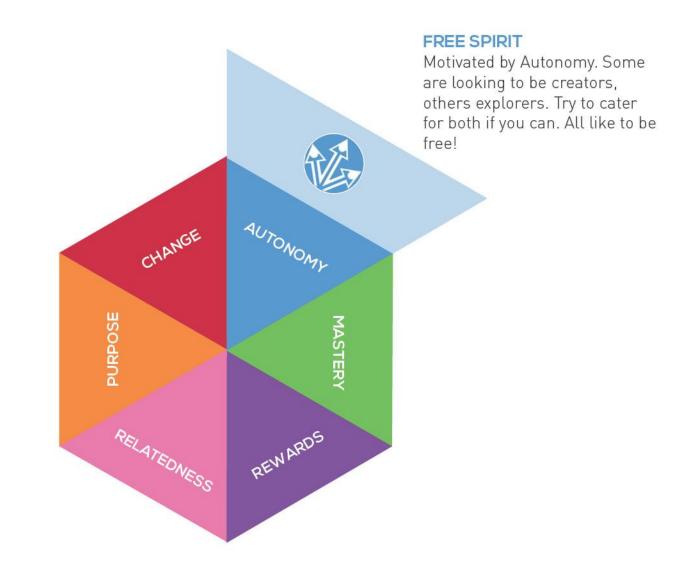
Relatedness Autonomy Mastery Purpose

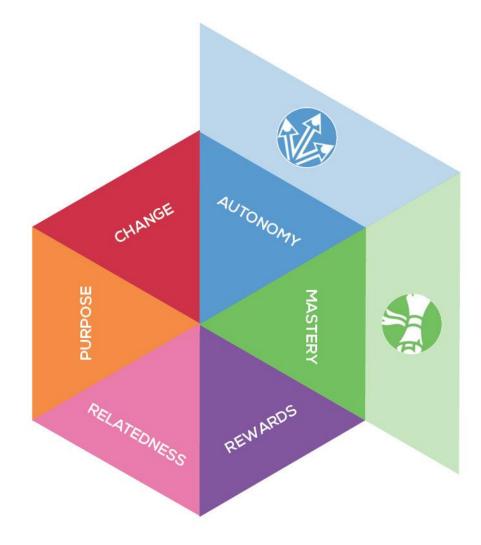




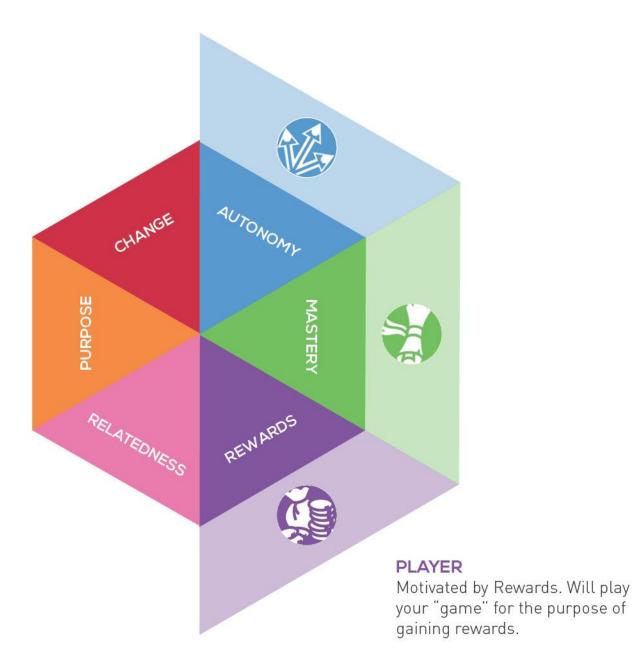


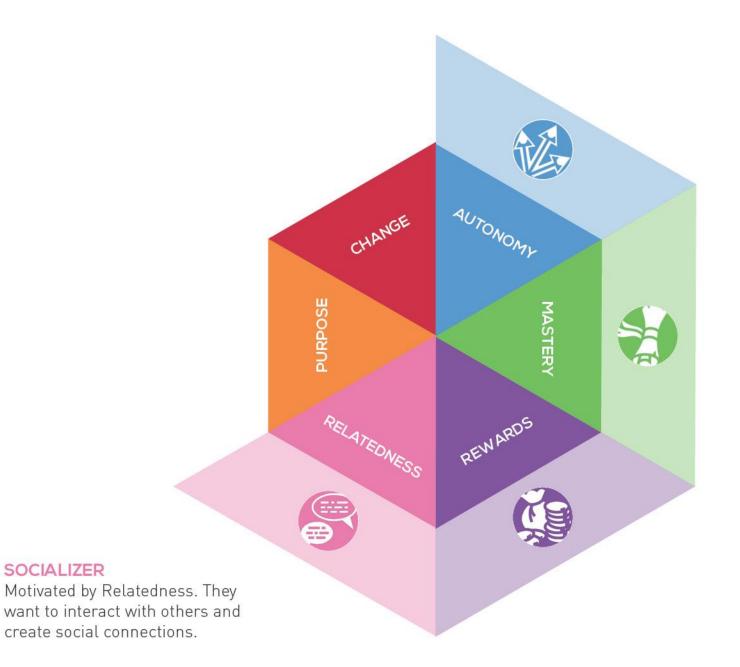
Marczewski's User Type Test http://bit.do/user-type-test

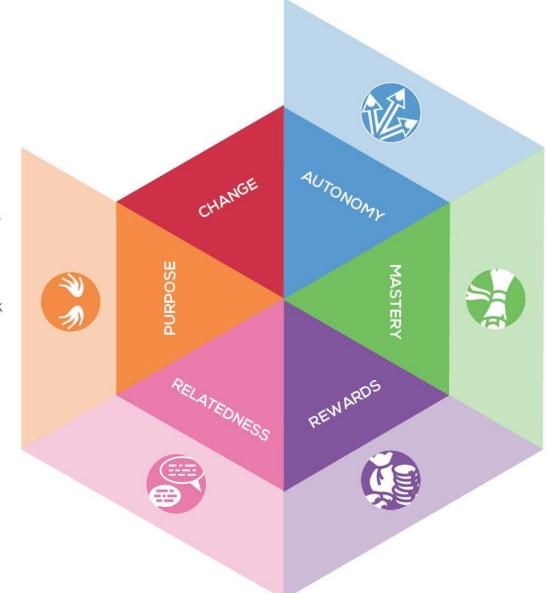




ACHIEVER Motivated by Mastery. They are looking to learn new things and improve themselves. They want challenges to overcome.





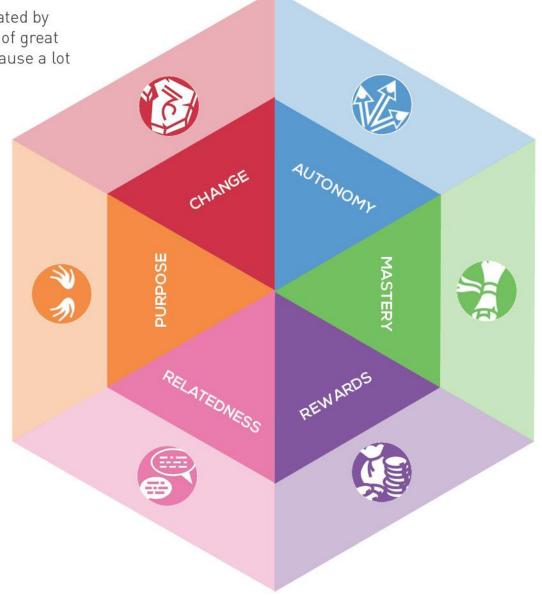


PHILANTHROPIST

Motivated by Purpose. This group are altruistic, wanting to give back to other people and enrich the lives of others in some way.

DISRUPTOR

Disruptors are motivated by Change. They can be of great assistance, but can cause a lot of trouble as well.



DISRUPTOR

Disruptors are motivated by Change. They can be of great assistance, but can cause a lot of trouble as well.

AUTONOMY PURPOSE **1ASTER** REWARDS

PHILANTHROPIST

Motivated by Purpose. This group are altruistic, wanting to give back to other people and enrich the lives of others in some way.

SOCIALIZER

Motivated by Relatedness. They want to interact with others and create social connections.

FREE SPIRIT

Motivated by Autonomy. Some are looking to be creators, others explorers. Try to cater for both if you can. All like to be free!

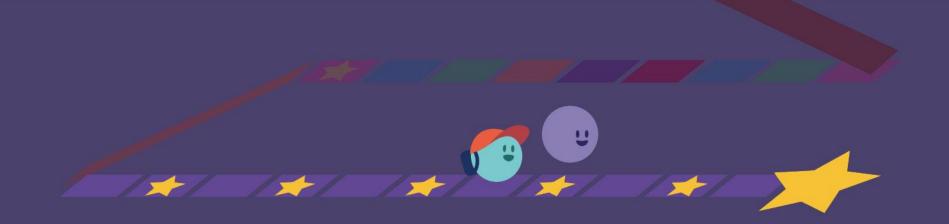
ACHIEVER

Motivated by Mastery. They are looking to learn new things and improve themselves. They want challenges to overcome.

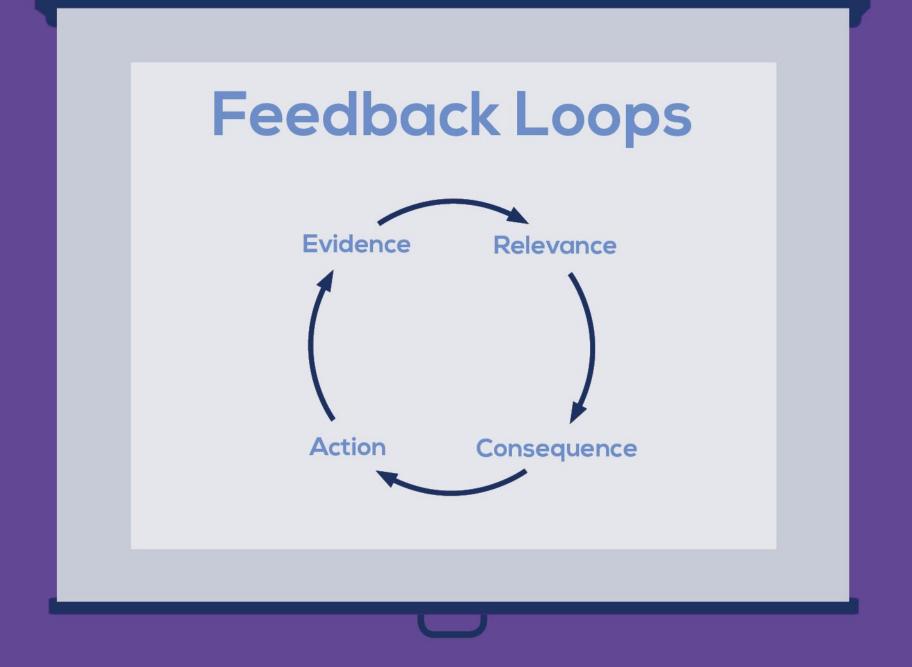
PLAYER

Motivated by Rewards. Will play your "game" for the purpose of gaining rewards.



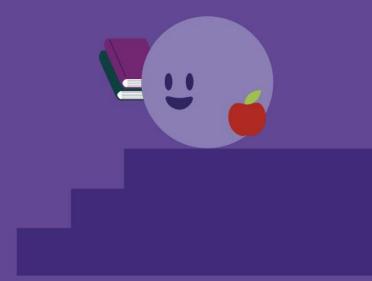






Onboarding





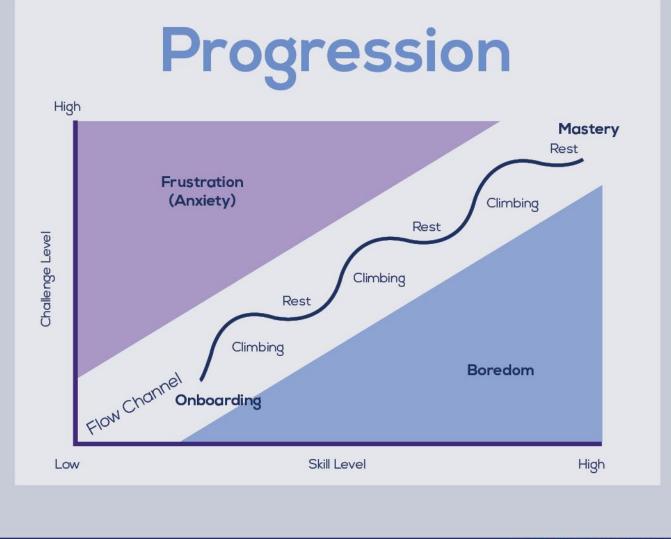


© PopCap games



Pathways to Mastery





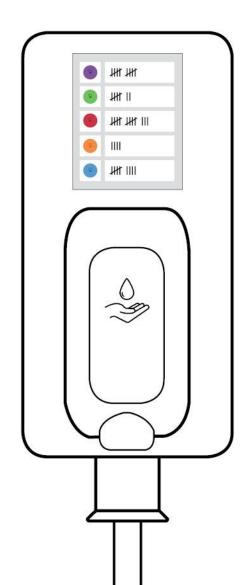
@Andrzej Marczewski 2012 (modified with permission)

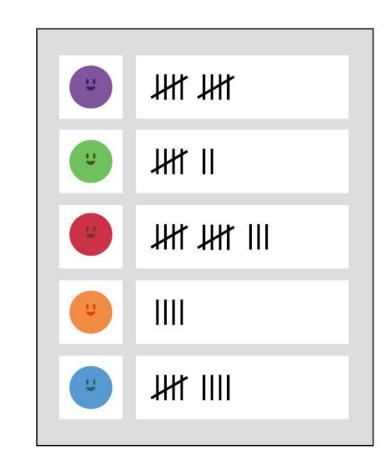
Creating a balance





















+3 points +5 points +

+7 points























Finding the Fun

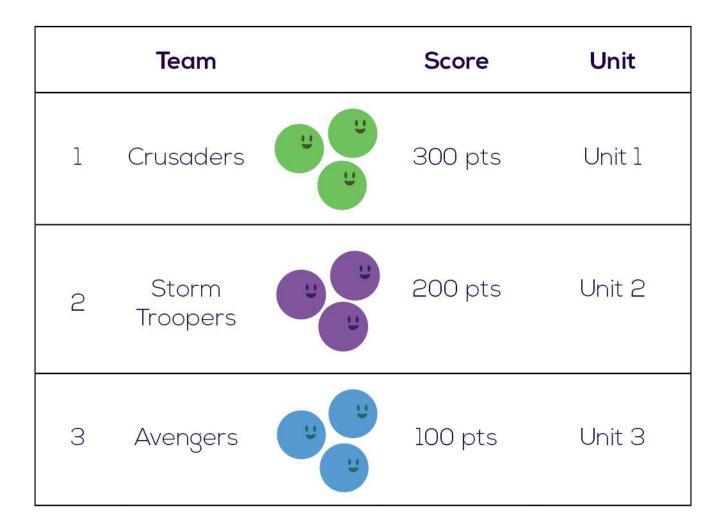
...

Winning Problem Solving C Teamwork Triumphing Problem Solving Collecting Triumphing Role Playing Surprise Goofing Off Exploring Customization Recognition

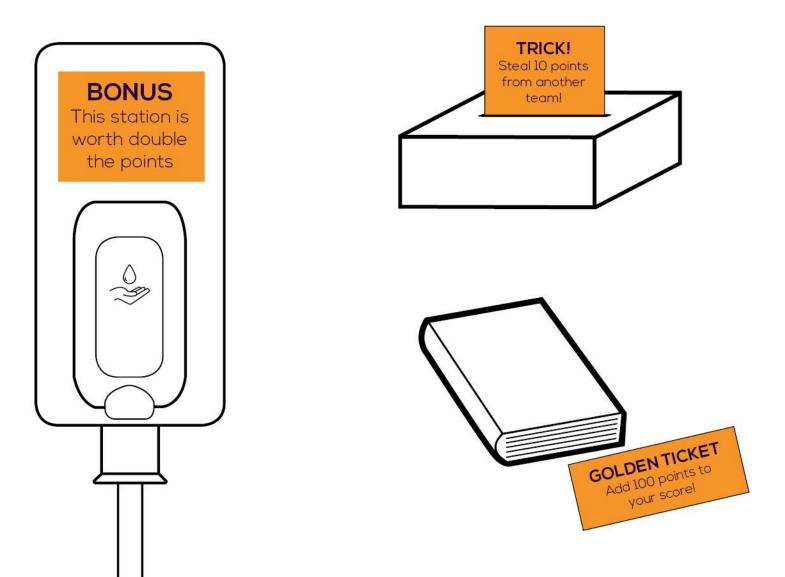




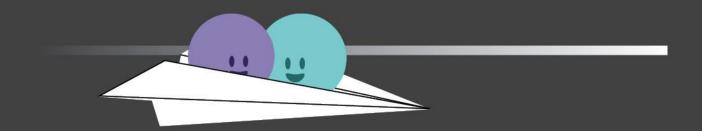












LET'S REVIEW...



Compete against your friends and other supporters



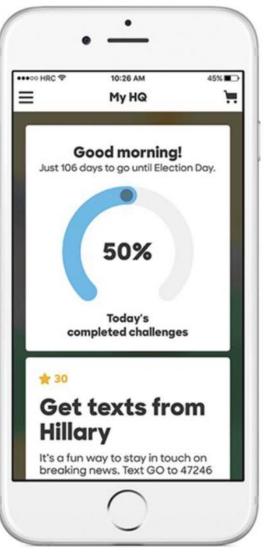
Test your knowledge and become an expert on the issues



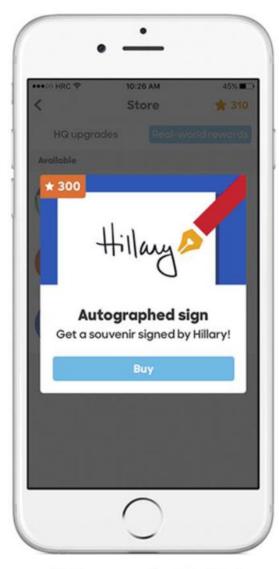
Share news and information (and even do some good old-fashioned organizing)



Design your own campaign HQ

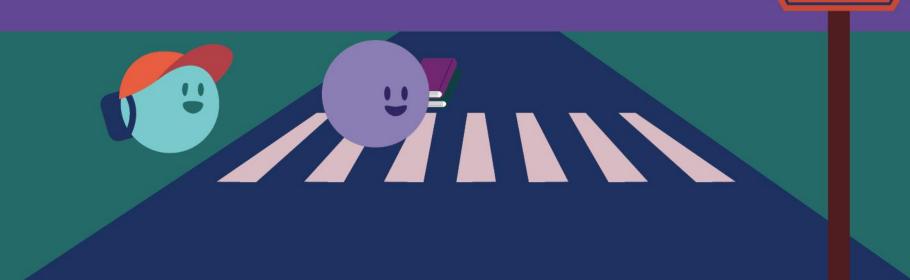


Complete daily challenges to help elect Hillary Clinton

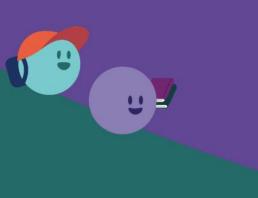


Get rewards (digital and real-life ones!)

Cautions



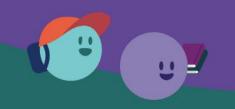
The elements are not the game



- The elements are not the game
- Avoid a cookie cutter approach



- The elements are not the game
- Avoid a cookie cutter approach
- Use the right element to fit your purpose



- The elements are not the game
- Avoid a cookie cutter approach
- Use the right element to fit your purpose

UH

You don't have to use everything!

- The elements are not the game
- Avoid a cookie cutter approach
- Use the right element to fit your purpose

U -

- You don't have to use everything!
- When you have a new hammer, everything looks like a nail

- The elements are not the game
- Avoid a cookie cutter approach
- Use the right element to fit your purpose
- You don't have to use everything!
- When you have a new hammer, everything looks like a nail
- Is gamification right for your context?

"Successful design interventions require a deep understanding of and continued engagement with the actual people, sites, and systems they target."



Deterding S. Eudaimonic Design, or: Six Invitations to Rethink Gamification. In: Fuchs M, Fizek S, Ruffino P, Schrape N, ed. Rethinking Gamification. Germany; 2014:305-331



PLAY AGAIN?

