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# Gaming for Learning



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## Why (online) gaming for learning?



What makes a (online) game a fruitful learning experience?

How to make an online game on resilience This was my next challenge



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# Why (online) gaming for learning?



What makes a (online) game a fruitful learning experience?



# 

# What is your favorite game?

# What makes it so funny?

# 

What makes a (online) game a fruitful learning experience?



- Co-design
- 2. Customization
- Identity
- 4. Manipulation
- 5. Well Ordered Problems
- Pleasantly Frustrating
- 7. Cycle of Expertise

8. Information Just in Time & On Demand

9.Fish Tanks

Sandboxes

Skills as Strategies

12. Systems Thinking

Meaning as Action

### How to make an online game on resilience This was my next challenge



Mission impossible

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What is Resilience

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Online Game





### Mission impossible

Let people discover what is RESILIENCE

Let people learn how RESILIENCE can be used

Promote awareness and attractiveness of the project resources

### What is Resilience

Content and scientific references

Holmes and Rahe stress scale

Peterson and Seligman Signature Strengths

Holmes and Rahe stress scale



Peterson and Seligman Signature Strengths

Resilience project structure	Signature strengths	
Acceptance and optimistic thinking [confidence in future]	Hope (optimism, future-mindedness, future orientation); Expecting the best in the future and working to achieve it.	
Acceptance and optimistic thinking (confidence in future)	Spirituality (religiousness, faith, purpose): Having otherer beliefs about the higher purpose, the meaning of life, and the meaning of the universe.	
Forming relationships	Love: Valuing close relations with others, in particular those in which sharing and caring are reciprocated.	
Forming relationships	Kindness (generosity, nurturence, care, compassion, altruistic love, "niceness"): Doing favours and good deeds for others.	
Forming rélationships	Social intelligence (emotional intelligence, personal intelligence): Being aware of the motives and feelings of other people and oneself.	
Forming relationships	Citizenship (social responsibility, loyalty, teamwork): Working well as a member of a group or team; being loyal to the group.	
Forming relationships	Forgiveness and mercy: Forgiving those who have done wrong according the shortcomings of others, giving people a second chance; not being vergeful.	

#### Holmes and Rahe stress scale

Life event	Life change units	
Death of a spouse	Life Event	Life Change Units
Divorce	Death of parent	100
Marital separation	Unplanned pregnancy/abortion	100
Imprisonment	Getting married	95
Death of a close family member	Divorce of parents	90
Personal injury or illness	Acquiring a visible deformity	80
Marriage	Fathering a child	70
Dismissal from work	Jail sentence of parent for over one year	70
Marital reconciliation	Marital separation of parents	69
Retirement	Death of a brother or sister	68
Change in health of family member	Change in acceptance by peers	67
Pregnancy	Unplanned pregnancy of sister	64
Sexual difficulties	Discovery of being an adopted child	63
Gain a new family member	Marriage of parent to stepparent	63
	Death of a close friend	63

#### Peterson and Seligman Signature Strengths

Resilience project structure	Signature strengths	
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### Online Game















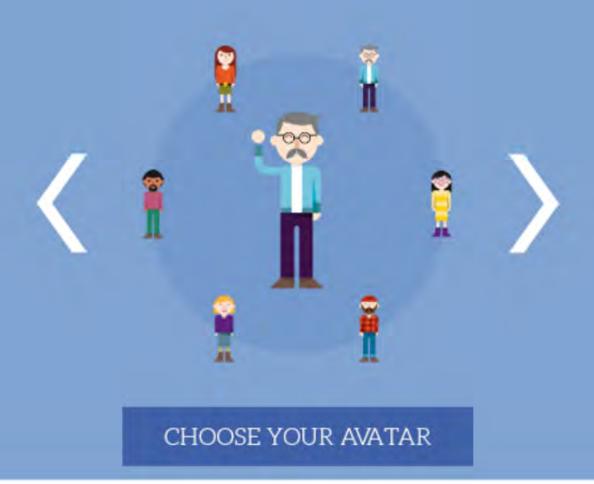






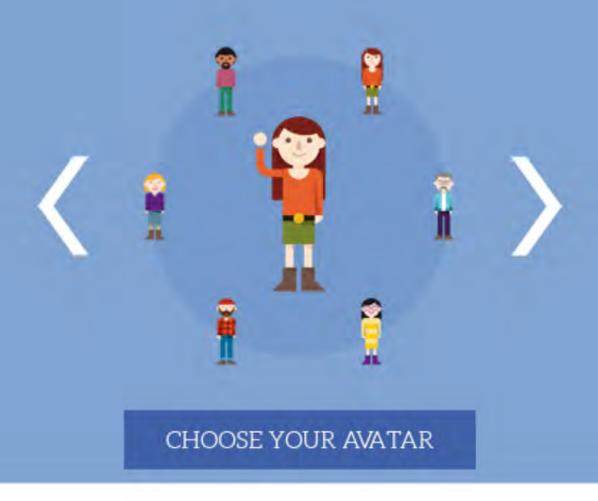


#### Welcome to Resilience Game



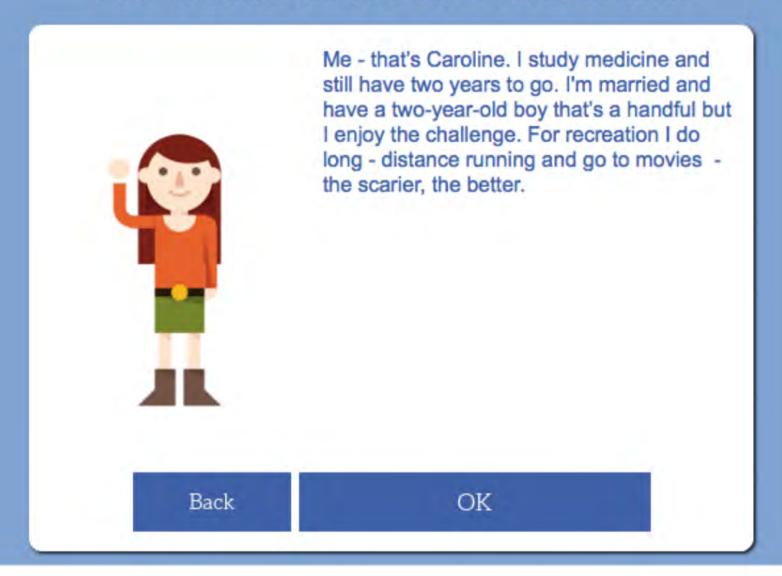


#### Welcome to Resilience Game





#### Welcome to Resilience Game





#### Acceptance and optimistic thinking (confidence in future)



#### Hope (optimism, future-mindedness, future orientation):

Expecting the best in the future and working to achieve it.



#### Spirituality (religiousness, faith, purpose):

Having coherent beliefs about the higher purpose, the meaning of life, and the meaning of the universe.

#### Forming relationships



Love: Valuing close relations with others, in particular those in which sharing and caring are reciprocated.



Citizenship (social responsibility, loyalty, teamwork):

Working well as a member of a group or team; being loyal to the group.



Kindness (generosity, nurturance, care, compassion, altruistic love, "niceness"): Doing favours and good deeds for others.



Forgiveness and mercy:

Forgiving those who have done wrong; accepting the shortcomings of others; giving people a second chance; not being vengeful.



Social intelligence (emotional intelligence, personal intelligence):

Being aware of the motives and feelings of other people and oneself.



Humor (playfulness):

Liking to laugh and tease; bringing smiles to other people; seeing the light side.

#### Getting grip of one's life



#### Perspective (wisdom):

Being able to provide wise counsel to others; having ways of looking at the world that make sense to oneself and to other people.



#### Prudence:

Being careful about one's choices; not taking undue risks; not saying or doing things that might later be regretted.



#### Bravery (valour):

Not shrinking from threat, challenge, difficulty, or pain; acting on convictions even if unpopular.



#### Self-regulation (self-control):

Regulating what one feels and does; being disciplined; controlling one's appetites and emotions.



#### Integrity (authenticity, honesty):

Presenting oneself in a genuine way; taking responsibility for one's feeling and actions.



### Appreciation of beauty and excellence (awe, wonder, elevation):

Appreciating beauty, excellence, and/or skilled performance in various domains of life.

#### Help your avatar to become more resilient by collecting positive resilience elements. Colours represents different resilience categories



Acceptance and optimistic thinking, confidence in future



Forming relationships



Getting grip of one's life



Healthy lifestyle



Orientation on solution and aims

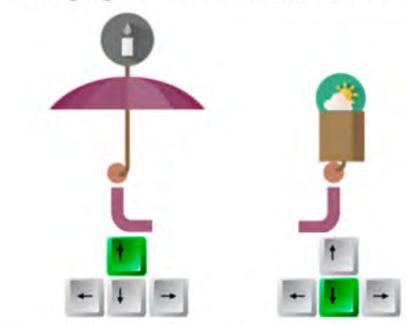


Perception



Self-efficacy

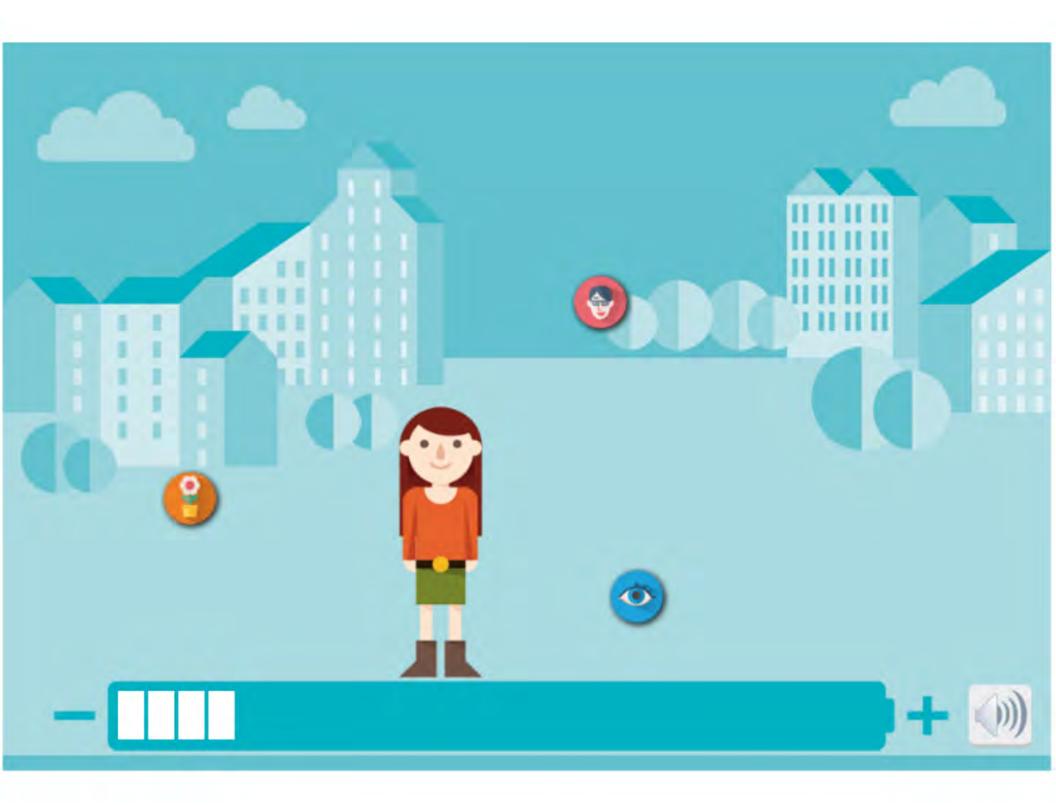
Use the umbrella to protect your avatar from bad forces by destroying negative elements which are coloured in grey



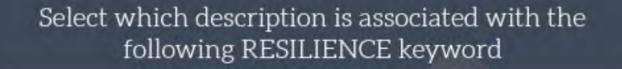
Use the basket to collect positive elements by pressing down arrow key

START











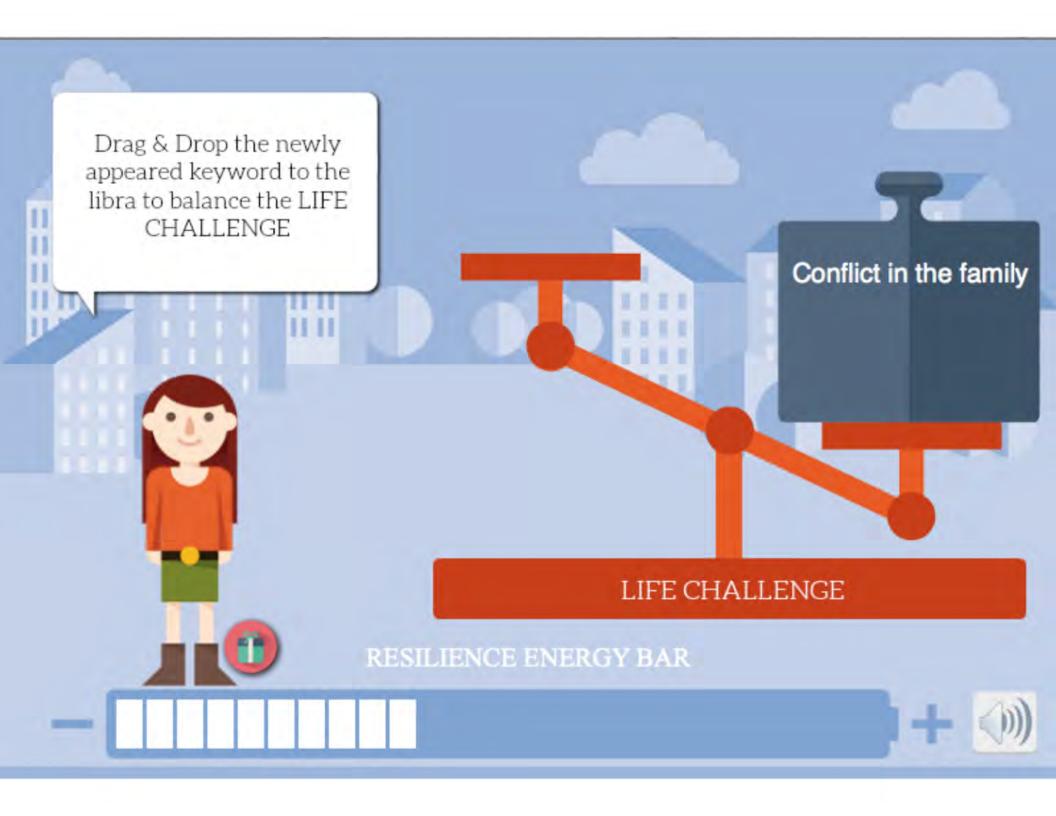
Doing favours and good deeds for others

Appreciating beauty, excellence, and/or skilled performance in various domains of life

Approaching life with excitement and energy; feeling alive and activated

ct in the family













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