#### an emerging vision for game-infused-learning

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### outline

big ideas

background & mission

sector shifting dynamics

pain points

incredible opportunity

solution framework

e-line/asu approach

discuss & debate

### big ideas

unprecedented opportunity for our community
current solutions not addressing pain points
solution not 'a game' or even a series of games
proposed solution framework

aspirational vision
inquiry-based, game-infused learning 'spine'
context for sequencing of multiple modalities
adaptable and extensible by community
continually optimized service
replace time and money

radical evolution through stable steps

### background

#### commerical film





### commercial games



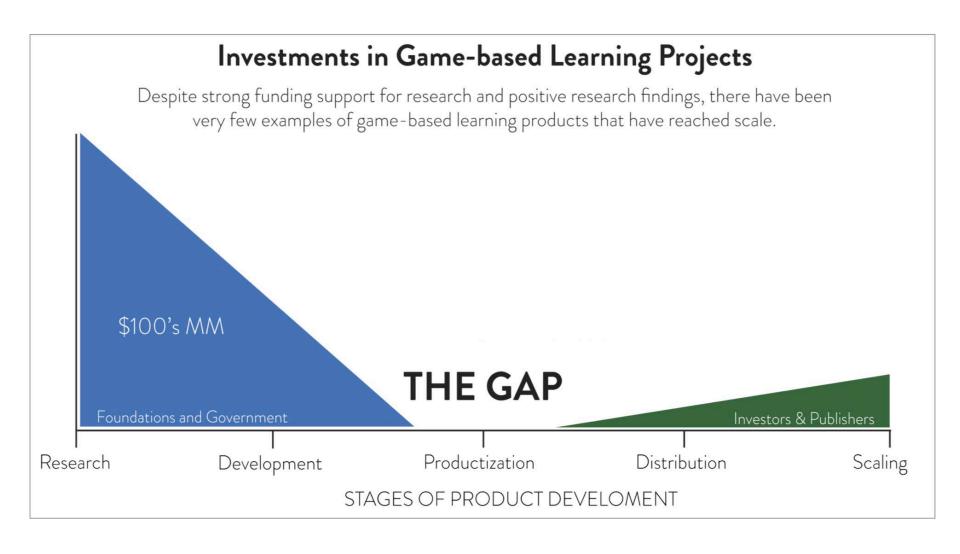
double-bottom-line



games for impact



### gap



#### e-line mission

we strive to be the leading developer and publisher of gamebased-learning products and services that help youth thrive in a complex, rapidly changing, globally connected world

we partner with academic researchers, foundations, social entrepreneurs and educators to align the achievement of meaningful learning impact and strong financial returns

## e-line mission multi-stakeholder partnerships

innovative research

high-risk capital

strong networks strategic distribution

























**Sesame Workshop** 

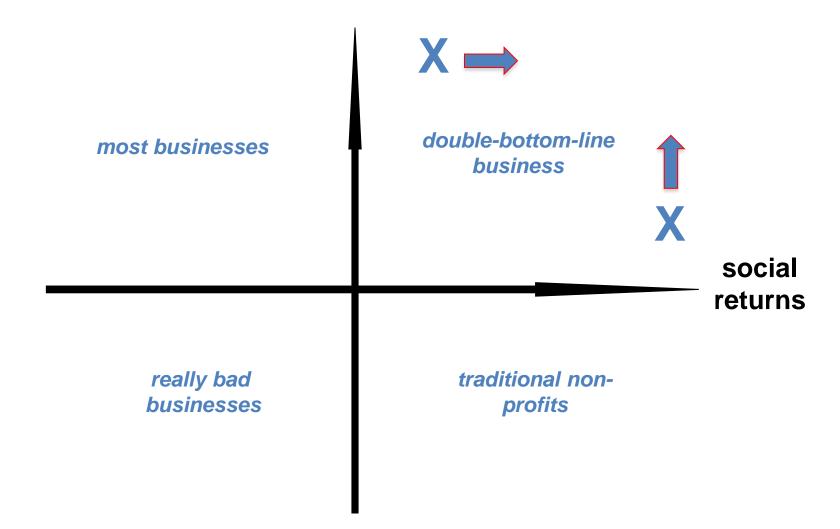






# e-line mission double-bottom-line

#### financial returns



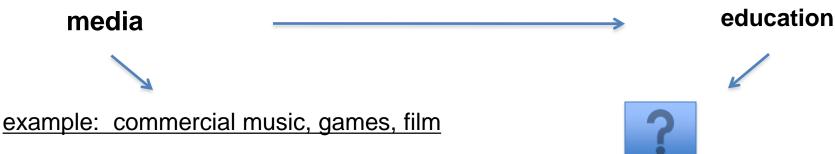
# e-line mission 24/7 learning

Popular Entertainment **Gateways Pathways** 

**Purposeful Learning** 

### sector shifting dynamics

# technology and the internet has transformed every global sector



dis-intermediate bottlenecked distribution new platforms new packaging of content cheaper, better tools for creation connected affinity groups adaptable and mod-able service vs. product more...

### sector shifting dynamics

#### teaching changing

curriculum unbundled tech-mediated blended

publishing changing

dis-intermediation distribution new platforms optimized service

#### assessments changing

higher order skills application of skills transfer of skills

#### world changing

navigating complexity
new employer demands
new life demands

inquiry-based, blended learning

### sector shifting dynamics

#### teaching changing

not clear how curriculum rebundled teachers not trained for technology teachers not trained for blended

# assessments changing

curriculum not aligned

3<sup>rd</sup> party assessments still emerging
ongoing pressure to teach to test

#### publishing changing

fragmented platforms integrate top-down/bottom-up complex ecosystem integration

#### world changing

curriculum not relevant for many misalignment of skills & dispositions with life & career

inquiry-based, blended learning is really hard

### incredible opportunity

lack of supply

demand is global

demand is growing

supply is really, really hard...but doable

radical evolution through stable steps

making inquiry-based, blended learning easy to adopt and adapt

#### solution framework

#### games strong framework for inquiry-based-learning

'lean-forward', active, participatory, inquiry-based role-play, complex challenges, meaningful choice, apply skills, fail safely, copious feedback

#### game as product

adventure, strategy, simulation, action, puzzle

#### game-infused-service

virtual and real world trajectories, community, mentorship, adapt & extend

#### solution framework

requires aspirational vision

requires strong research & market informed spine

requires ability for stakeholders to adapt, extend & benefit

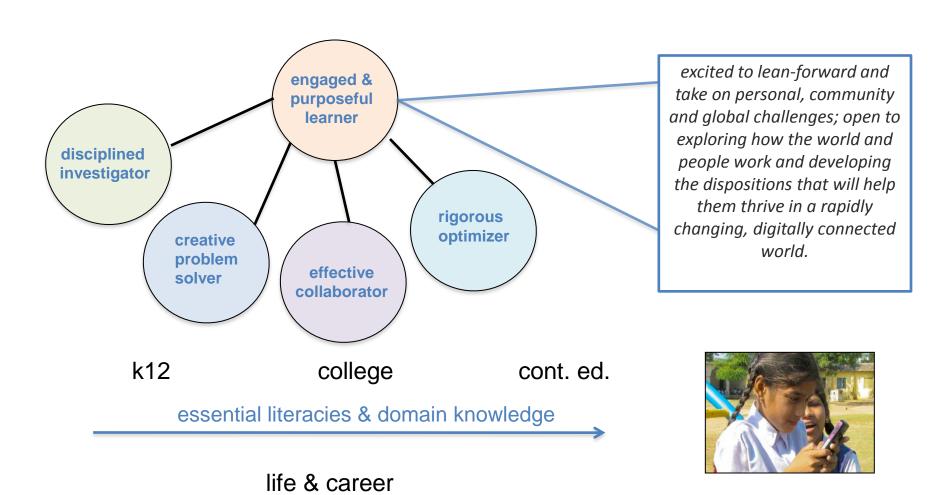
requires game-infused service not 'a game'

requires embracing of complexity and systems thinking

requires all of the dispositions, skills and resiliency we seek to foster in our youth

# Thrive cultivate lifelong dispositions

cultivating dispositions relevant across every subject, at any age



# Thrive game-infused learning platform & community

#### learning and impact

cultivating lifelong dispositions
mentor critical skills & literacies
reinforce across subject, grades & real-world

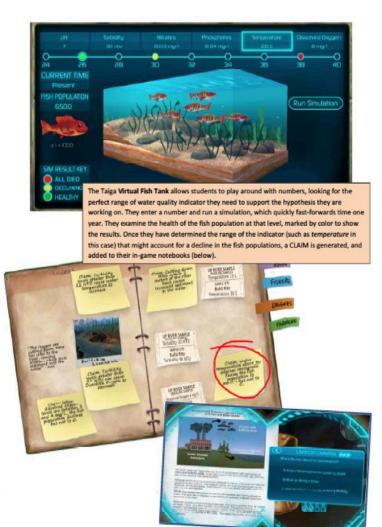
#### methodology

evidence based game-infused learning trajectories (bounded games, multi-media, smart tools, traditional lessons, social and community) teachers/schools/partners can adapt, extend

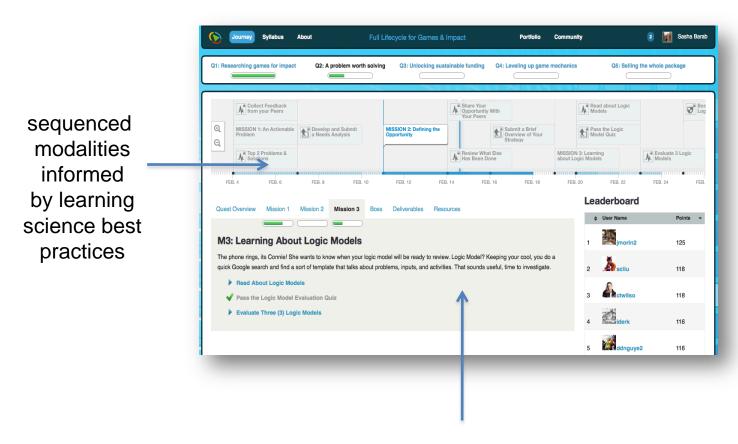
community-of-practice

#### publishing

clearly defined market need and positioning offered as continually optimized service multiple revenue streams for us & partners



# Thrive game-infused learning trajectories



game-infused trajectories informed by game-design best practices

# Thrive observable indicators and actionable feedback

copious, on-going, relevant feedback for learners

embedded assessments teacher assessment feedback peer/mentor assessment & feedback

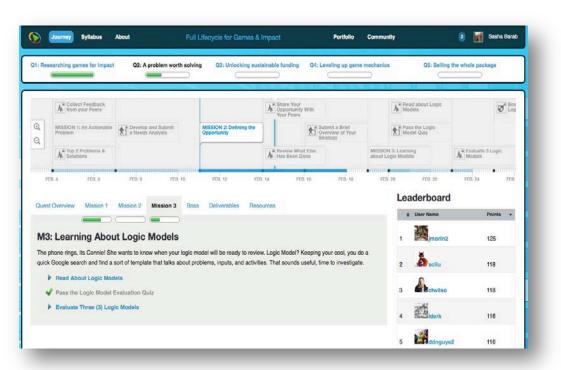
indicators to help teachers provide feedback & grades aligned with cultivating dispositions & literacies

learner submitted work group and individual classroom participation engaging quizzes/tests

alignment with local, regional and international benchmarks

common core next-gen. science social & emotional emerging...

# Thrive middle-school cross-curriculum



bundled package or individual products: ela, science, math, social studies, and engineering/technology & teacher professional development

> common core next-gen science 21st century skills social emotional learning



to help youth thrive in a complex, rapidly changing world...



... **we** will need all of the dispositions and literacies we want to foster in our youth...