

Location-Based Learning Games

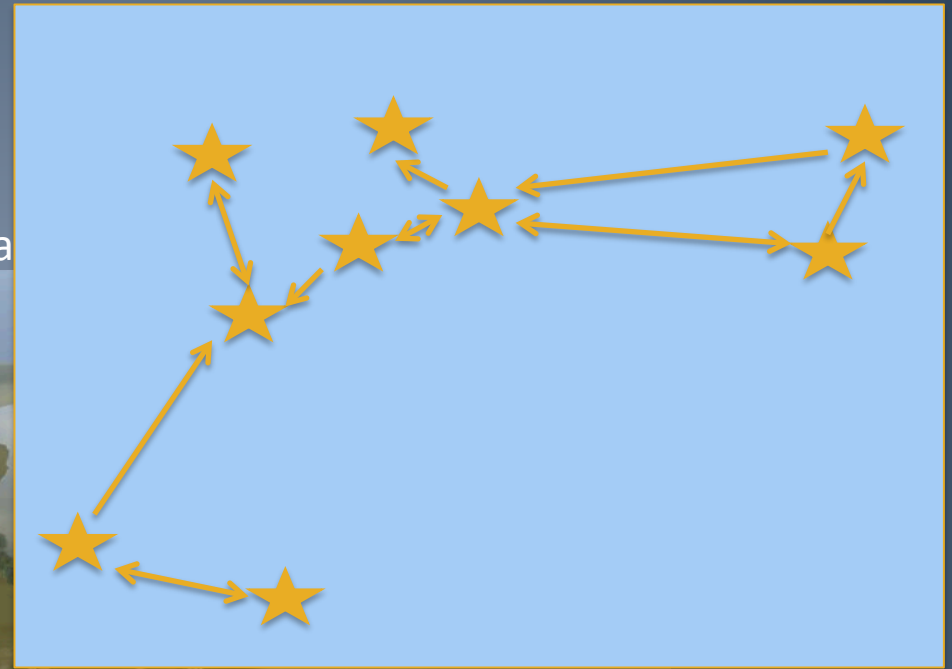
Dave Schaller
eduweb

Battle of Baltimore Mobile App

Game World

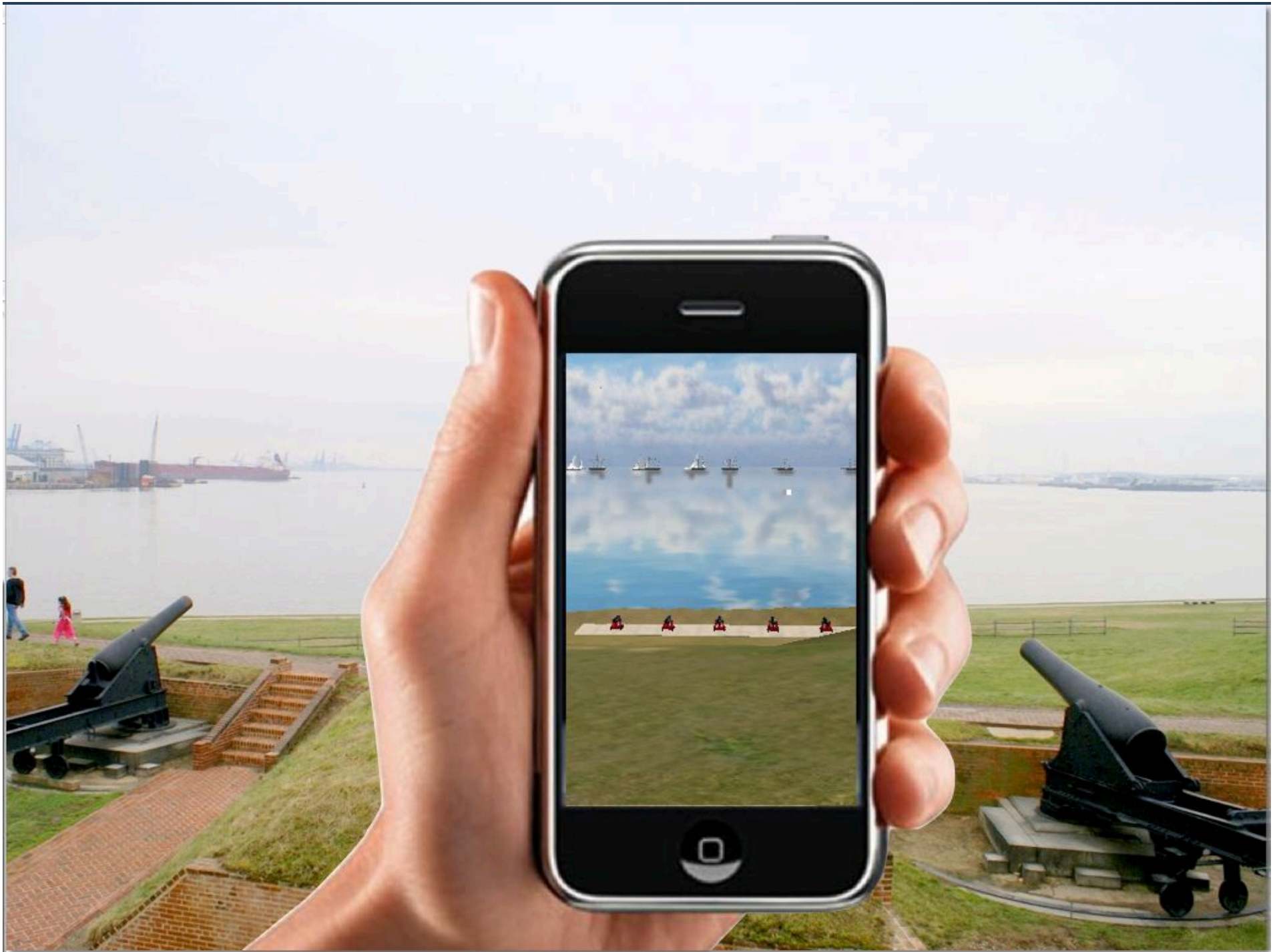
Virtua

Real World





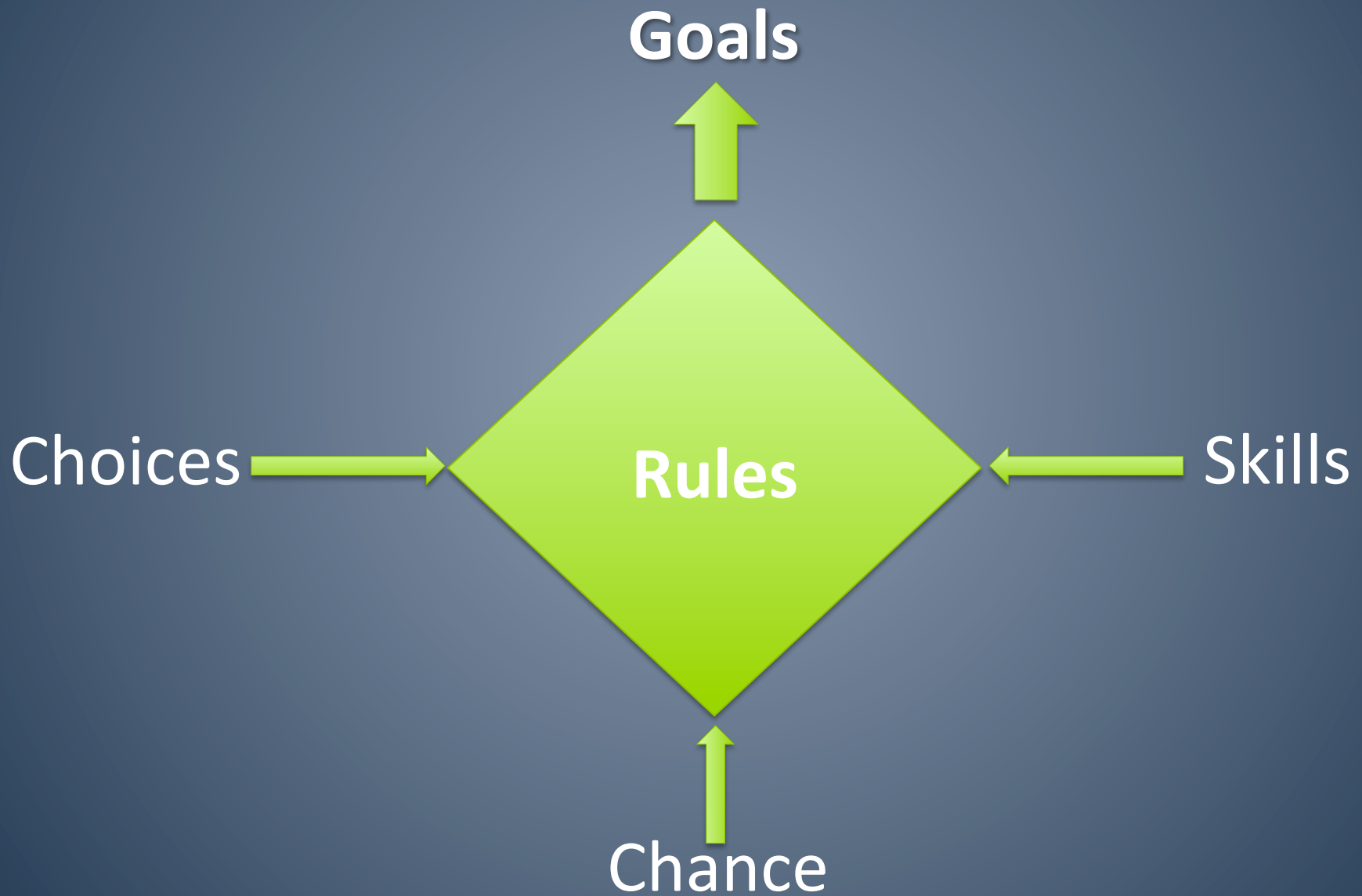
You there! Go count the sails on the bay and report back on the British fleet!



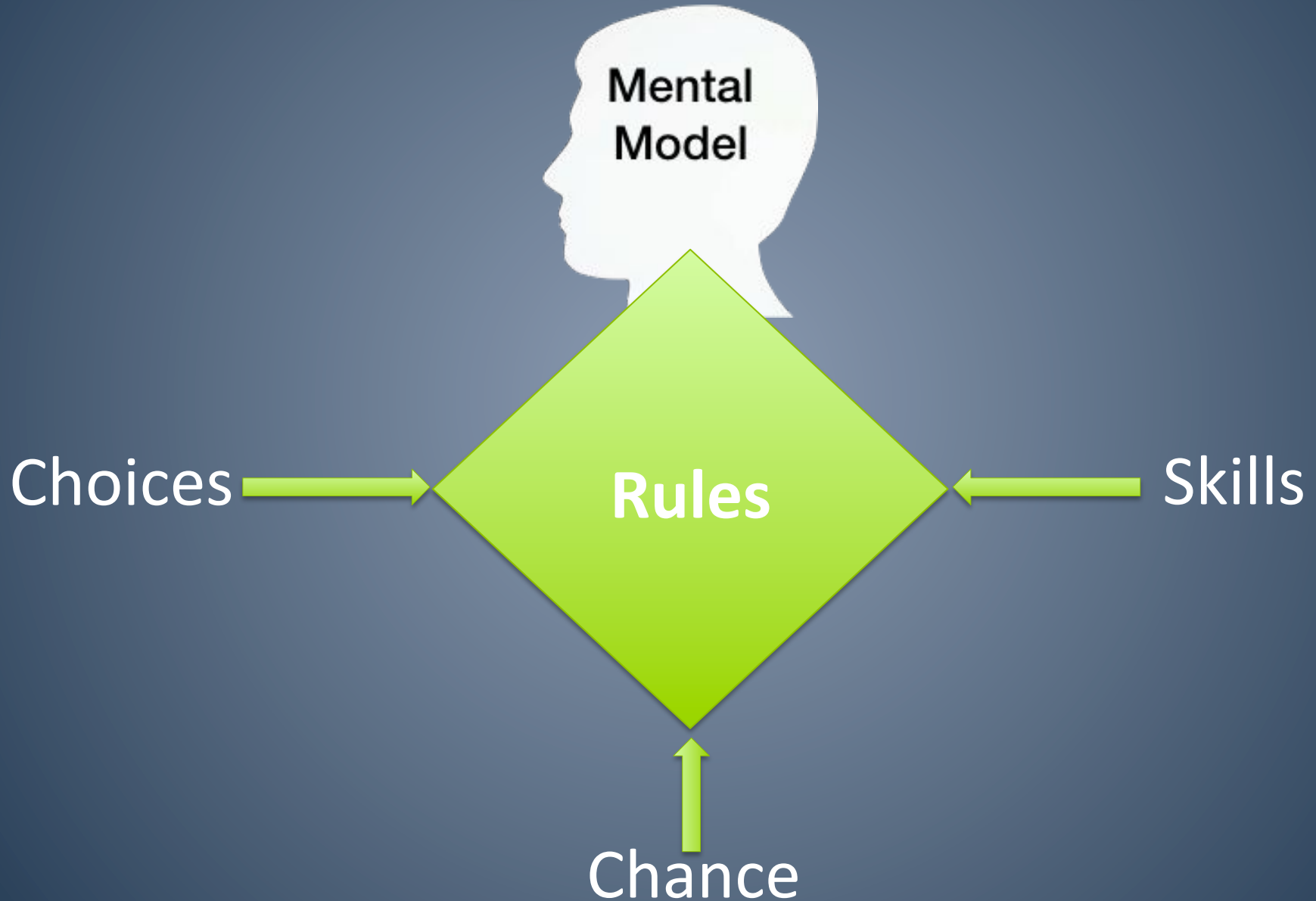


Francis Scott Key says:
I'm sailing out to negotiate
the release of a Mr. Beanes.
Would you take this message
to Mr. Skinner?

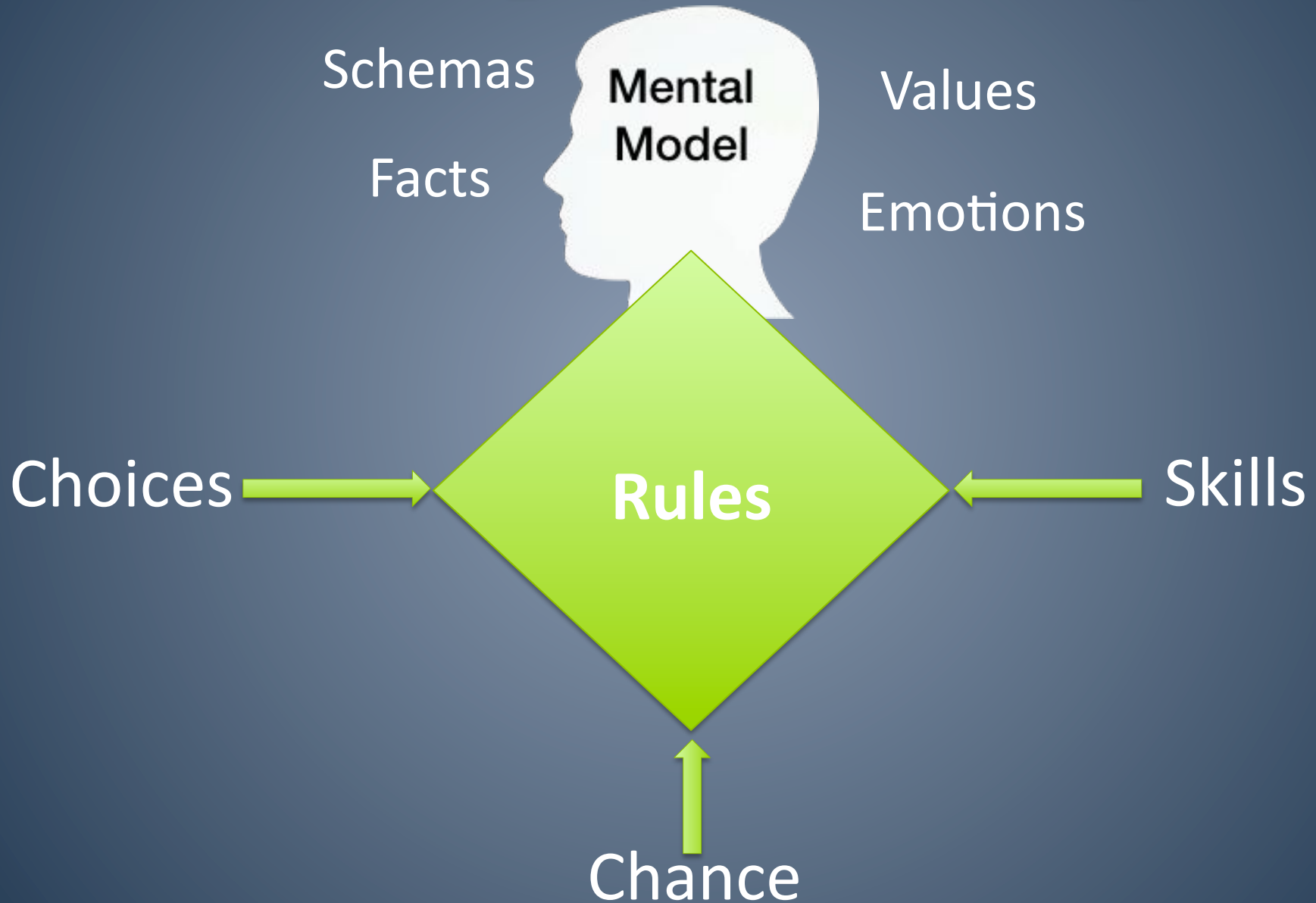
Game Elements



Gameplay & Learning



Gameplay & Learning





Mr. Baker says:
Here you go--fifty pounds of flour.
The Army could use this for the
defense of the city. Care to donate it?

Keep for your family

Donate to town defense

Your Role:
Mother



POINTS: **437**

DAYS TO BRITISH ATTACK: **6**

YOUR CHOICES

FOR FAMILY: 74%

Food, horse, wagon, water

FOR BALTIMORE: 26%

Food, gunpowder

COMMUNITY'S CHOICES

FOR FAMILY: 47%

Food, horse, wagon, water

FOR BALTIMORE: 53%

Food, gunpowder, wagon, water

ACHIEVEMENTS

- Delivered message of Ross's death.
- Counted British ships from hilltop.
- Helped sink merchant ship.
- Fired cannon to alert city.

Mobile Game Design

Goals



Choices



Rules



Skills

Trade-offs:

- Go here or there?
- Collect this or that?

- Physical
- Mental
- Social

- Risks vs Rewards
- Surprise
- Hidden information

Chance

