

PBJA

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There's an App for that



Is your class a Google Story?

The Google logo is centered at the top of the page, featuring its characteristic multi-colored letters: blue 'G', red 'o', yellow 'o', green 'g', and red 'l'.A search input field with a thin blue border and a small cursor icon on the left side.

[Advanced Search](#)
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Google Search

I'm Feeling Lucky

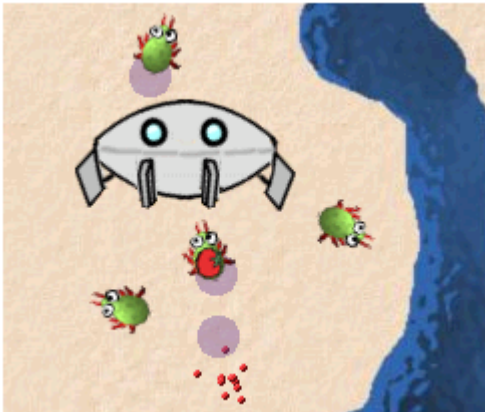
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WHAT ARE NOT GOOGLE STORIES?

Things with no right answer

Greeps



Battleship



Teach a Bigger CS Concept (embedded breadth)

Blackjack



Machine Learning

- Computer starts with equal weights for each potential pair value.
- Decides to hit or stay probabilistically
- Updates probabilities accordingly

“Just one piece” of Research

What is it?

- Choose an interesting piece of CURRENT CS research
- Have your students implement just a small piece of the project. (can even do a class discussion to break down the large project into pieces)

Peekaboom

HINT



Luis von Ahn, Ruoran Liu and Manuel Blum

STANFORD HCI GROUP

Cooperative Gestures:
Multi-User Gestural Interactions for Co-located Groupware











Meredith Ringel Morris, Anqi Huang, Andreas Paepcke, Terry Winograd

Challenge Me!

- Netflix Prize: Can you do better than random?
- What are our grand challenges?

Engineering's Grand Challenges X

WHAT DO YOU THINK? Click on the engineering challenge you think is the most important:

 Make solar energy economical	 Provide energy from fusion	 Develop carbon sequestration methods
 Manage the nitrogen cycle	 Provide access to clean water	 Restore and improve urban infrastructure
 Advance health informatics	 Engineer better medicines	 Reverse-engineer the brain
 Prevent nuclear terror	 Secure cyberspace	 Enhance virtual reality
 Advance personalized learning	 Engineer the tools of scientific discovery	



Take-away thought

- Don't be a Google story!