GAME OVERVIEW

Connecting students to cyber careers just got a lot easier (and more fun!) thanks to CYBER WATCHDOG, a free-to-play mobile or web-based career video game that connects students to local careers and pathways within IT and cybersecurity.

In Cyber Watchdog, players will recognize 100 cybersecurity terms, job descriptions and salaries, while vigilantly guarding cyberspace, completing client missions, facing down a global band of hackers, and pushing their skills to the next level!

Here's a brief overview of what students will learn and experience by playing Cyber Watchdog:

Avatar creation:

It's important for students to not only explore careers but actually see themselves in those different industries and roles. Players can customize their character to look how they want, selecting from a wide variety of skin tones, hair colors, hairstyles, outfits, and accessories.

Storytelling:

Students will star in their own cyber story, empowered by Cyber Watchdog's narrative interstitials. These interactive cutscenes take the player from a newly hired Watchdog to an expert in the force who takes down a nefarious group of hackers!
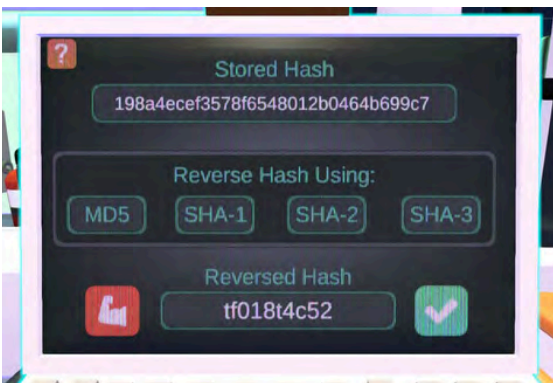
CERBERUS HEADQUARTERS: 8 levels

Concepts covered in core gameplay:

- Cyber basics: key terminology, types of cyber attacks, computer language, computer components
- Pathways:
  - Careers: systems analyst, software developer
  - Scholarships
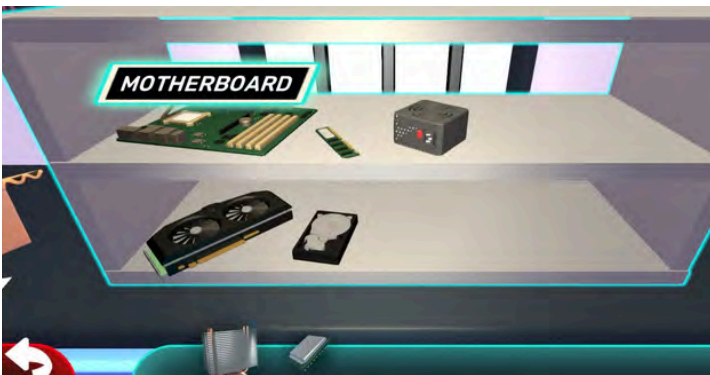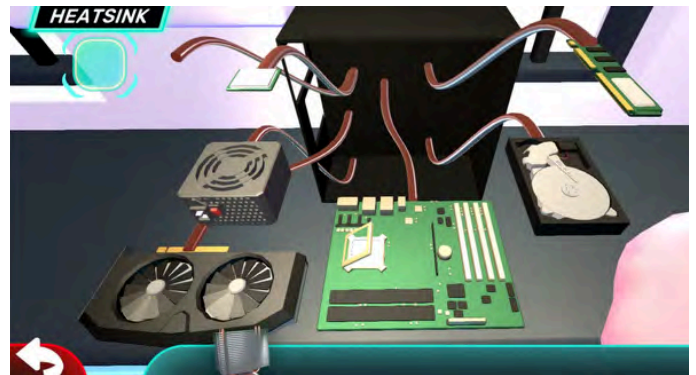 - Professional certifications

Minigame challenges:

PASSWORD HASH - teaches about weak passwords, salting, and hashing

BINARY GAME - quick math to get introduced to the concept of computer language

PC BUILDER - identification of computer hardware to construct a PC

CITY ELECTRIC: 4 levels

Concepts covered in core gameplay:

- Critical infrastructure
- Digital impacts on the real world
- Pathways:
  - Careers: security architect, critical infrastructure security professional
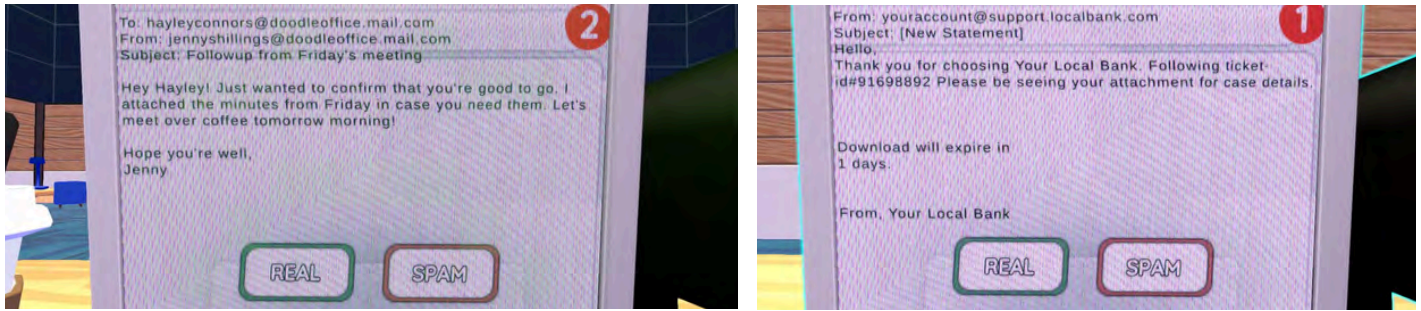 - Schools
  - Camps

DOODLE INC. OFFICE: 6 levels
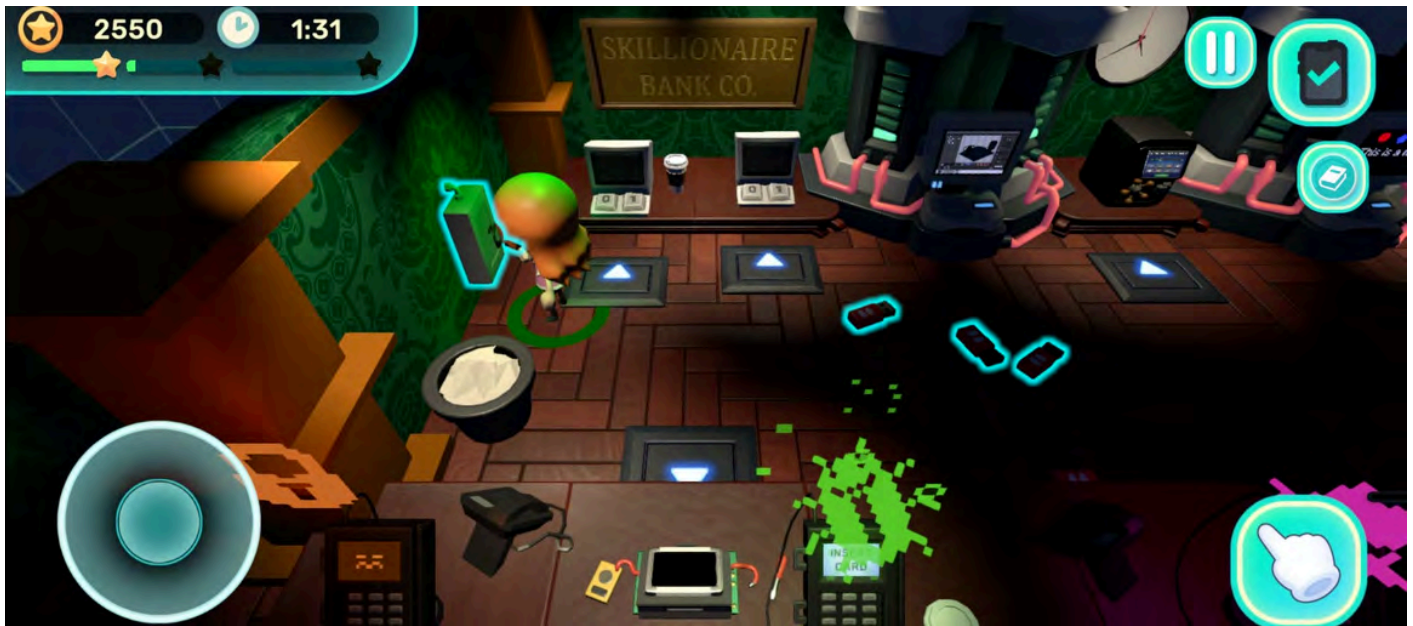

Concepts covered in core gameplay:

- Cyber aware culture
- Network security and personal privacy
- Cybersecurity/IT in a professional space
- Pathways:
  - Careers: end user trainer, chief privacy officer, information systems security expert
  - Scholarships

Minigame challenges:

EMAIL PHISHING - determines if an email is "phishy" and practice internet safety

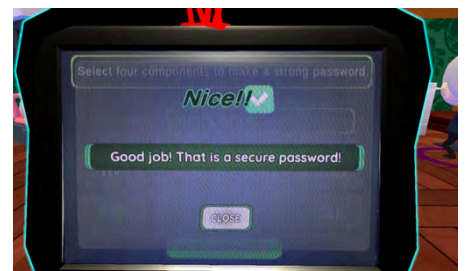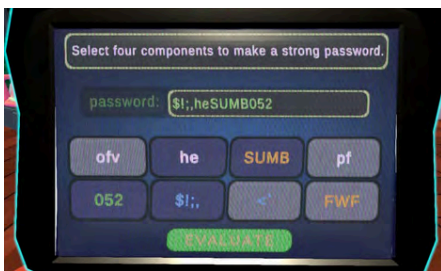# SKILLIONAIRE BANK: 7 levels

Concepts covered in core gameplay:
- Active cyber attacks and advanced persistent threats
- Cyber investigation
- Leadership
- Cybersecurity's relationship to money
- Pathways:
    - Careers: data loss prevention engineer, incident response team, cyber operations, cyber workforce developer and manager
    - Classes
    - Scholarships

Minigame challenges:

RAISE THE DEFENSE! - construct strong passwords and learn about cyber protection to build proactive defenses for your machines.

CYBER WATCHDOG BADGES:

Players can earn six badges in Cyber Watchdog. Each badge corresponds to a different grouping of cyber curriculum and reflects a certain amount of exposure to the material. The player's proficiency is measured by game progress, minigame success, and in-game decision making.

CYBER STARTER - The player has learned the basics of cybersecurity, computer building, and cryptography.

CYBER CITIZEN - The player has seen how cybersecurity protects the world by defending critical infrastructure.

CYBER STAFF - The player has been exposed to end user education, networks, and good cyber practices.

CYBER SLEUTH - The player has learned about cybersecurity's relationship to money and digital investigation.

SOFT SKILLS - The player has demonstrated good communication practices, work ethic, professionalism, and critical thinking skills throughout the game.

CYBER SKILLIONAIRE - The player has guarded cyberspace against intruders and has proven their worth by earning all other badges.

ADDITIONAL TOOLS AND RESOURCES

On behalf of Skillionaire Games and SCETV, thank you for your partnership in connecting youth to life-changing careers through game-changing play! Go to https://www.skillionairegames.com/educational-resources or select the QR code below to access: Kahoots, Word Quests, Industry Snapshots, and more.

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