



# Meningococcal Infection Awareness Prevention and Protection (MIApp)

## Extended MIApp User Guide

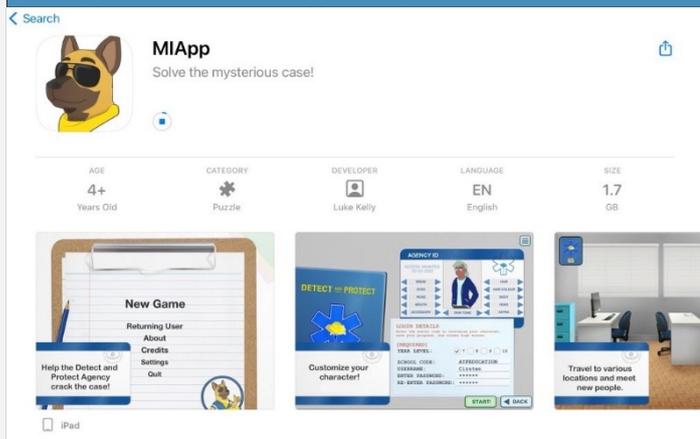


Department of Health



# Download Instructions

## MIApp for iPad – Apple App Store



1. Open App Store app on your Apple iPad device
2. Available at: Search for app in search bar by typing 'MIApp' (free to download)
3. Click the Get button.
4. Download MIApp game for iPad from the [Apple App Store](#)



Note for educators: please allow up to 15 minutes for MIApp to download from the [App Store](#)

## MIApp for Windows PC

### MIApp Years 7 to 10

#### NEW 2022 MIAPP

##### Meningococcal Infection - Awareness Prevention and Protection

A joint funded project with Lotterywest (major sponsor), The WA Department of Health, Edith Cowan University and the Amanda Young Foundation.

Our mascot Buddy features in this app. The Young family owned a dog called Buddy and that is how we chose Buddy's name. Buddy, a German Shepherd dog, is a great protector and detective - great qualities for fighting meningococcal disease.

The free app is available at the Apple store or you can download the PC version here. The teaching resources will be available here by the end of May 2022.

MIApp - Small Version (14 downloads) MIApp - Regular Version (12 downloads)  
Depending on your WIFI speed it may take a few minutes to download the PC version of this app. Use the small version if you have a low resolution laptop or computer.

Click below to download the iPad version



1. In web browser, visit the [Amanda Young Foundation website](#)
2. Download the zip file
  - Regular build
  - Small (optimised for smaller screens)
3. Extract the file
4. Run the .exe application within the folder

## Additional information for Windows PC build

The windows build forces an aspect ratio of 4:3 with a resolution of 1024x768 (as the game was originally designed and built for an iPad). Due to the 4:3 aspect ratio, the game will launch in a window and will not take up the whole width of a standard monitor. Achieving this would distort the graphics to the detriment of the user experience.

The PC build was tested on various monitor resolutions, including:

- 3840 x 2160
- 1920 x 1080

The windows build has been tested on various monitor sizes from 21", 24", 27" and on a 74" Windows-based touch table. MIApp for Windows works across these commonly found monitor sizes (laptops and desktop computers).

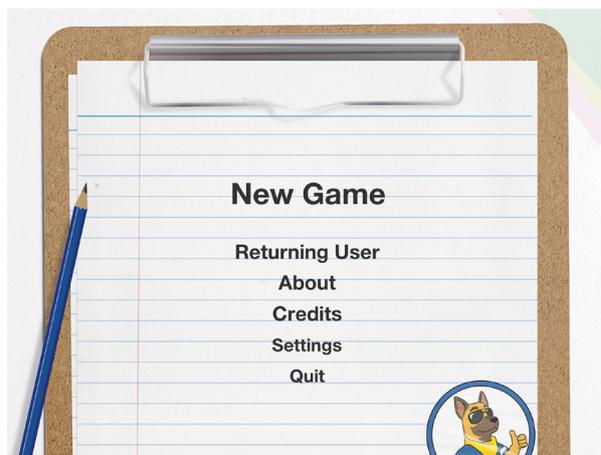
# MIApp Player Guide



1

## First Screen – Acknowledgements

- Player select Continue

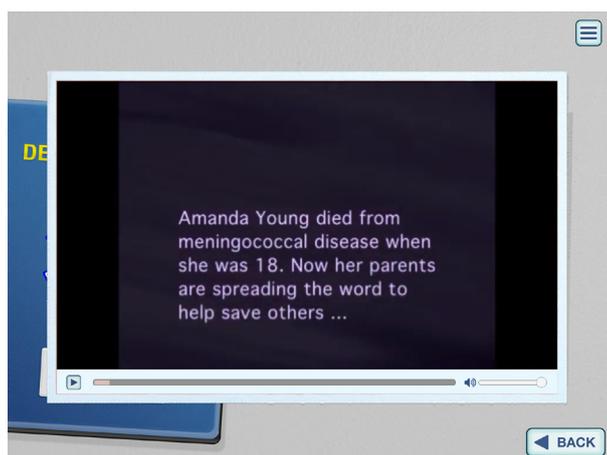


2

## Home screen

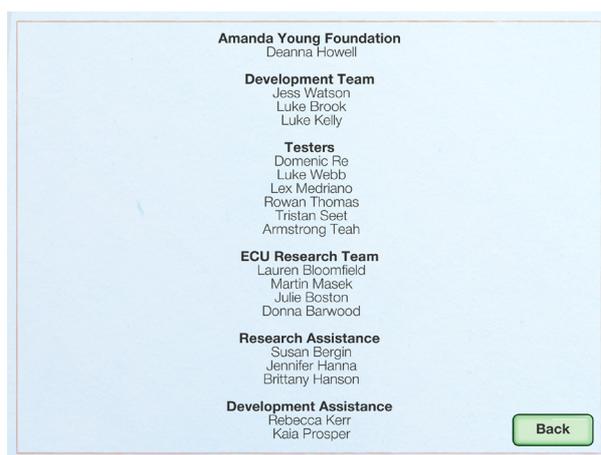
Players can choose either

- New Game
- Returning User
- About
- Credits
- Settings
- Quit



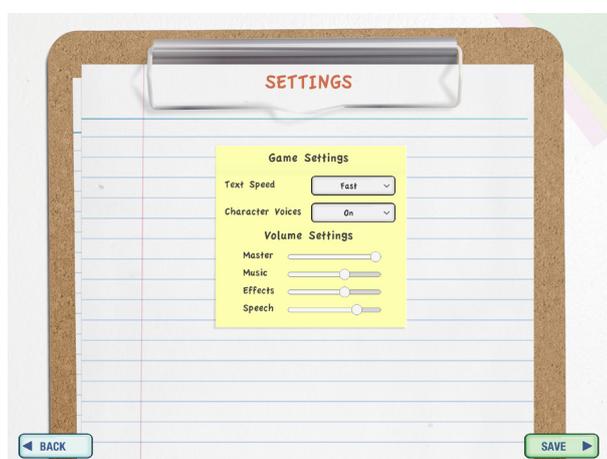
3

## About – Amanda Young Foundation background information



4

## Credits



5

## Settings

- Game settings can be adjusted for preference of text speed, character voices ON (default) or OFF, and volume settings



6

## New Game

- Players select New Game



7



8

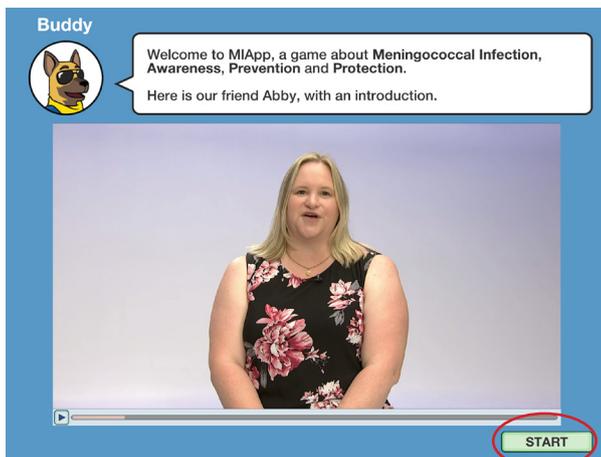
### Login Details

Player to enter login details:

- Player to enter **Year Level**
- School code: **AYFEDUCATION**
- Username – 3 or more characters
- Password – 5 or more characters

Player can then customise an avatar in the **Agency ID** card

- Using the arrows to change hair, eyes, accessories etc.
- Then select **START!** to commence game



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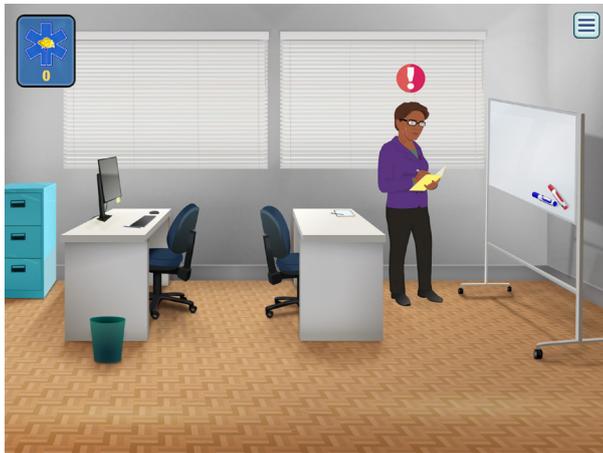
10

Introduction video – Abby, The Amanda Young Foundation

- Player to watch short introduction video
- Then select **START** to commence game

Player will first enter the agency office for their characters' first day of work experience at the bacteria tracking agency, **Detect and Protect**.

 **Note:** Throughout game play, the exclamation mark will prompt the player to click on that character or item



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Players can access the Detect and Protect Badge here.



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Navigate your points and progress by opening Badge

- High Scores
- Stage completion, out of 9
- Play time
- Personalise Agency ID - character appearance



**Note:** Throughout the game, the player is awarded **experience points** for input in Quizzes and Match the Facts activities.

Progress and score can be checked in the **Badge**.



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Leader board (Local)

- Local refers to the high scores leader board for that specific device (isolated to that iPad or computer).



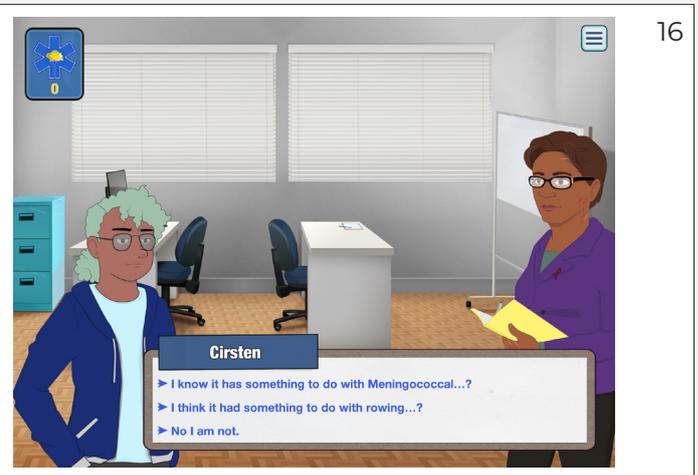
14

Leader board (Online)

- Online refers to a global leader board of high scores, capturing everyone that has played MIApp.



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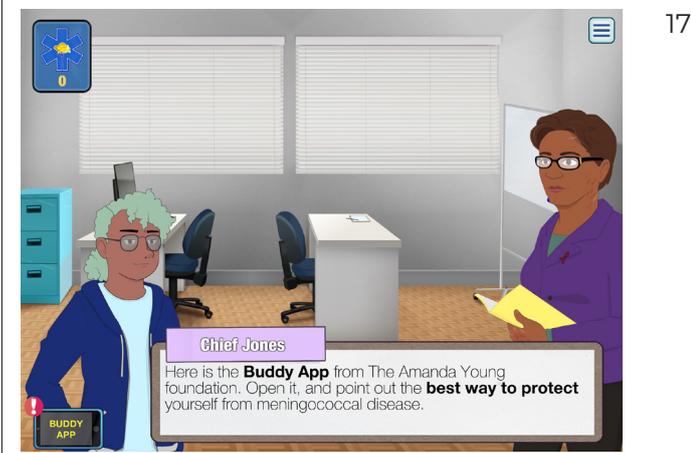
16

Player will first meet with Chief Jones and be introduced to investigating the case of how a girl named Nakia could have been infected with Meningococcal Bacteria.

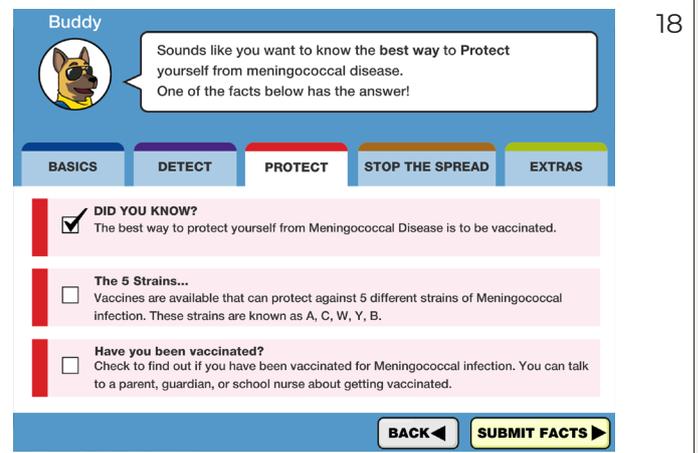
Arrows (shown in red circle above) will prompt the player to progress to next dialogue/ screen.

Player is introduced to the Amanda Young Foundation and asked a question.

- Response can be any of three (3) options.



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The Buddy App

Buddy is the Amanda Young Foundation mascot.

The **Buddy App** is used as a tool by player throughout the game to check facts on meningococcal disease, and store **Extras** – collectible items.

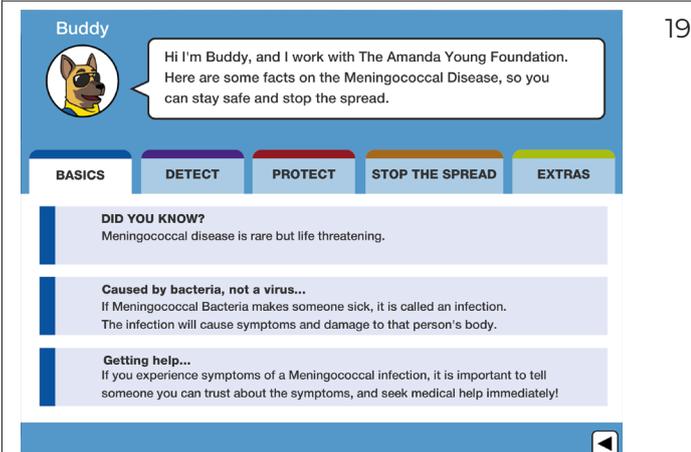
Player is guided to **open the Buddy App** (refer to red exclamation mark).

Inside Buddy App:

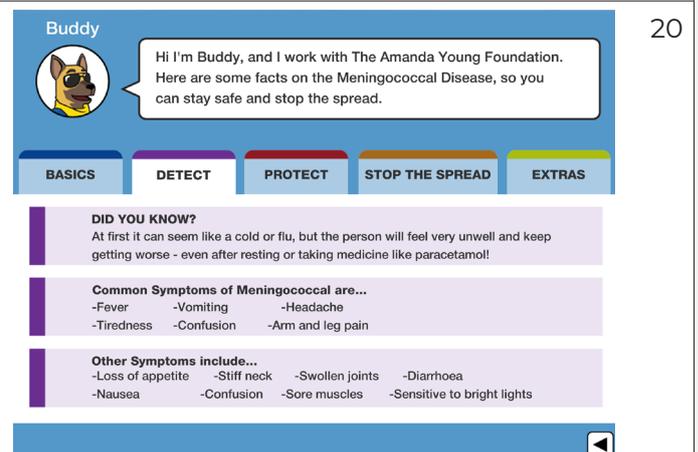
**PROTECT**

- Select the best way to protect yourself from meningococcal disease

**SUBMIT FACTS:** *Did You Know? The best way to protect yourself from Meningococcal Disease is to be vaccinated*



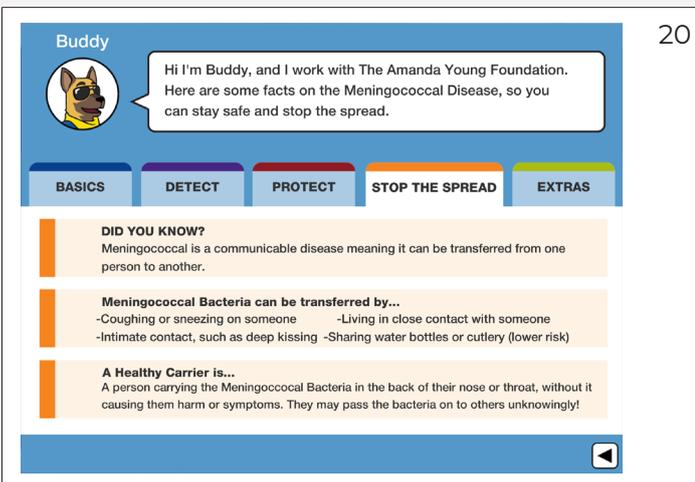
19



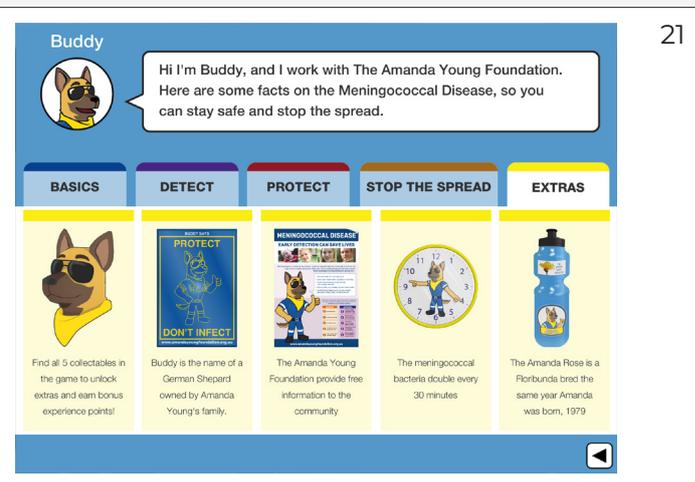
20

**BASICS:** Facts – Cause and seeking help

**DETECT:** Facts – Symptoms of meningococcal disease



20

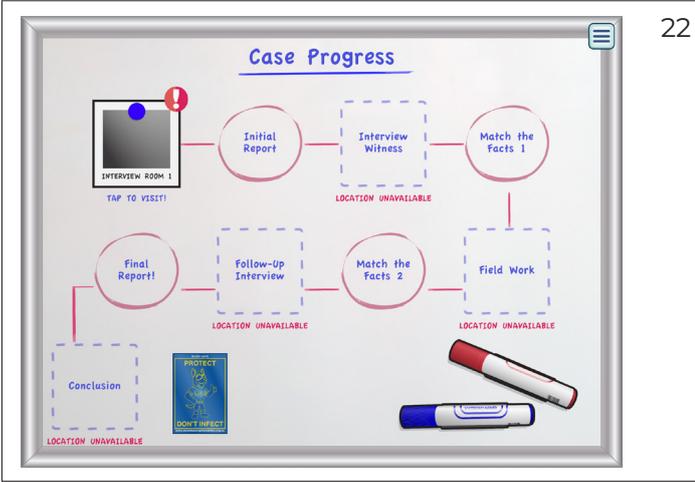


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**STOP THE SPREAD: Facts - Preventing meningococcal disease infection**

**EXTRAS**

- Find all 5 collectibles (above) with 'Buddy' on them throughout the game, to unlock extras and earn bonus experience points



22



23

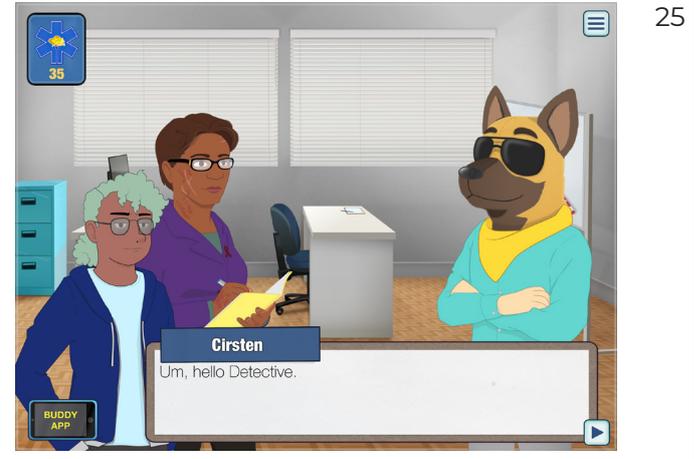
**Case Progress**

- Players can follow the progress of their game through each stage of the investigation
- Access by clicking on the whiteboard in the agency office

Player is introduced to the character MB (Meningococcal Bacteria), in the Interview Room.



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25

Follow the prompts to the Buddy App and review the symptoms of meningococcal.

When asked to open Buddy App again and point out all symptoms, tick all three (3) answers (for full points).

Player is introduced to character Detective Pham.



26

Tap on the mascot Buddy head to get the collectible.



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Player is shown how to access the **Case File** and read the **Overview Page** and all information collected in the case so far.

Tap the **Case File** icon to open.



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### Overview Page

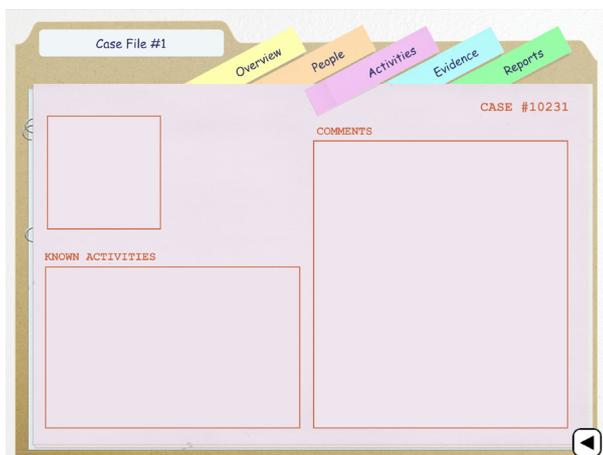
- Summary of patient Nakia



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### People

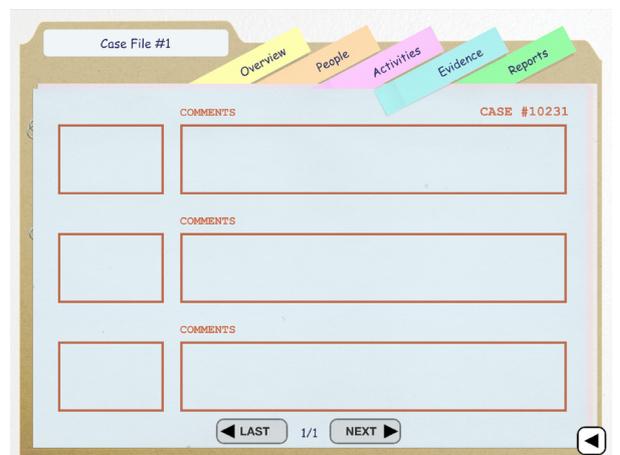
- List of characters interviewed



30

### Activities

- Known activities will be recorded here as investigation progresses



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### Evidence

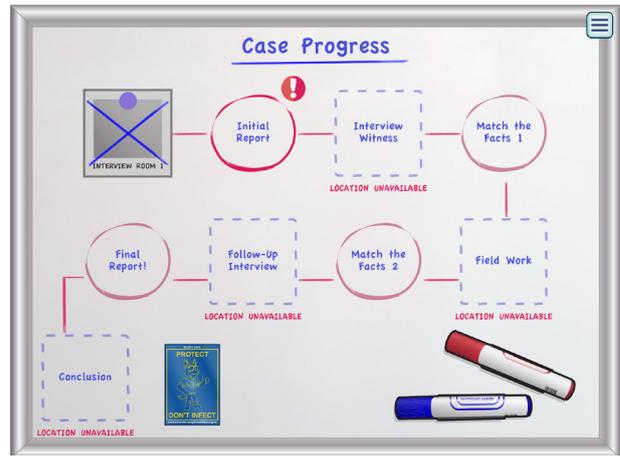
- List of all evidence collected will be stored here as investigation progresses



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**Reports**

- Initial Report results



33

Complete the Initial Report



34

**INITIAL REPORT (QUIZ 1) – Answers**

- 1 - True
- 2 - Bad headache, vomiting, feeling tired
- 3 - True
- 4 - True
- 5 - False



35

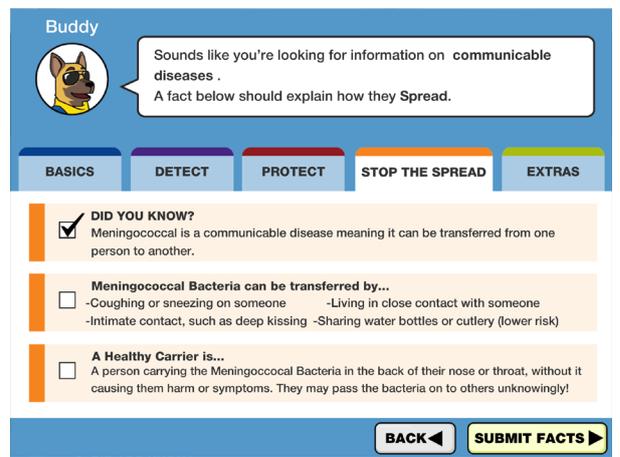
Player is introduced to Nakia's friend, Claire, in the Interview Room.

Interview Claire for any information to help see what could have caused Nakia to get sick.



36

Player is prompted to open the Buddy App once again – Stop the Spread



37

Tick all three (3) boxes and click Submit Facts.

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Case File #1

Overview People Activities Evidence Reports

CASE #10231

**SYMPTOMS**

Condition continued to worsen, even after resting or taking medicine

- \*Tired
- \*Severe headache
- \*Fever

**COMMENTS**

CLAIRE: "She took paracetamol and tried to rest. It didn't make a difference though, she kept getting worse."

CLAIRE: "...she said she was tired and had a terrible headache. Oh, and I think she had a fever."

**DETAILS**

Arrived at hospital Monday morning. Had taken medication, but condition worsened rapidly.

**MEDICAL NOTES**

\*Patient not vaccinated against any meningococcal strains (A, C, W, Y, or B).

\*Awaiting lab results. Recommend follow-up on where/how patient caught illness.

Select the Case File as the investigation progresses. This will be updated as more information is discovered.

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Case Notes

CLAIRE: "...she said she was tired and had a terrible headache. Oh, and I think she had a fever."

Patient not vaccinated against any meningococcal strains (A, C, W, Y, or B).

CLAIRE: "She took paracetamol and tried to rest. It didn't make a difference though, she kept getting worse."

Current Task:

Connect each Case Note with the relevant facts.

(Tap a Case Note to select it, then tap the fact you want to match it with).

TOTAL TO MATCH: 3

3/3 SELECTED

SUBMIT

Meningococcal Facts

**DID YOU KNOW?**

All infections can seem like a cold or flu, but the person will feel very unwell and keep getting worse - even after resting or taking medicine like paracetamol.

**Common Symptoms of Meningococcal are...**

- Fever
- Rash
- Headache
- Tiredness
- Confusion
- Arm and leg pain

**The 5 Strains...**

Vaccines are available that can protect against 5 different strains of meningococcal infection. These strains are known as A, C, W, Y and B.

**MATCH THE FACTS 1 – Answers**

- Connect each Case Notes with the relevant facts (total to match: 3)

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Case Progress

Interview Room 1

Interview Room 2

Final Report!

Follow-Up Interview

Match the Facts 2

FIELD WORK

CONCLUSION

LOCATION UNAVAILABLE

TAP TO VISIT!

Field Work

41

105

Jamie

WELCOME TO OUTDOORXP CAMP, MY NAME'S JAMIE. ARE YOU HERE WITH ONE OF OUR TOUR GROUPS?

CASE FILE

BUDDY APP

Player is introduced to character at camp, Jamie.

42

110

Cirsten

Did Nakia spend any time with Oskar?

Do you know why Oskar left early?

CASE FILE

BUDDY APP

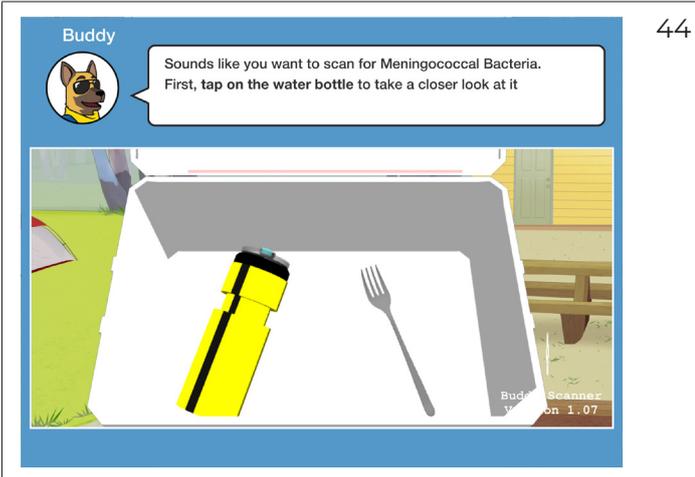
43

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CASE FILE

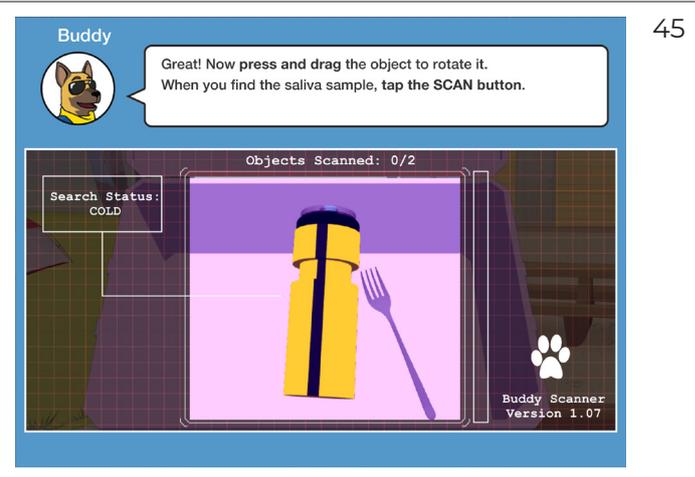
BUDDY APP

**Look for evidence** - explore the objects around the campsite to see if there was a way the meningococcal bacteria could have been transferred during activities.



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Use the Buddy App Scanner to scan objects. Tap the Esky to observe the objects inside.



45

Rotate the Water Bottle and Fork to scan the saliva samples on both objects.



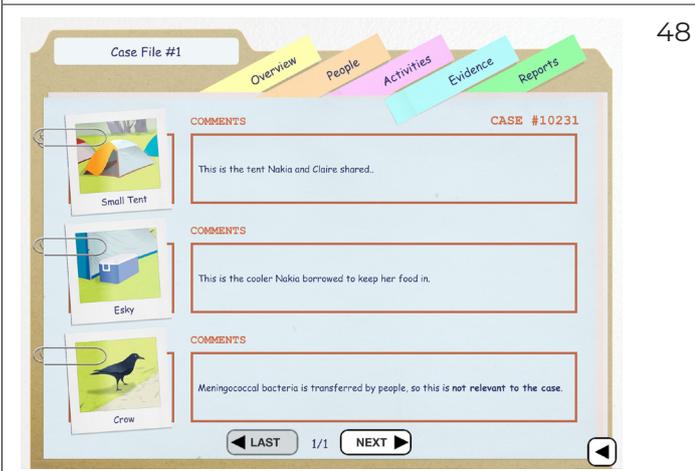
46

Tap on the tent, and select the SCAN button.



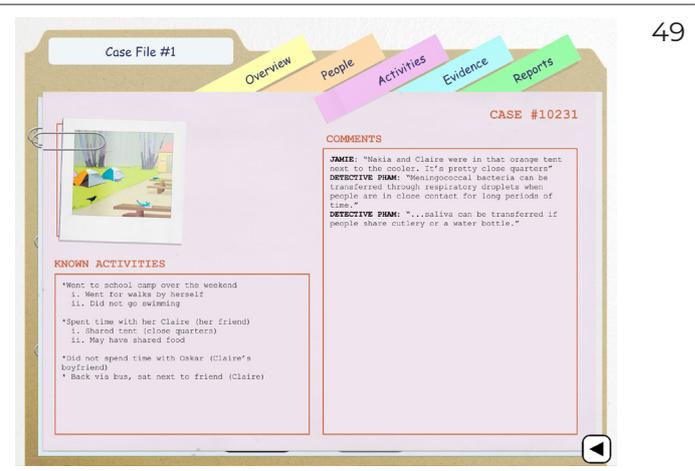
47

Tap on the respiratory droplets to collect samples. Total objects to scan: 6



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Evidence is updated in the Case File.



49

Activities details are updated in the Case File.



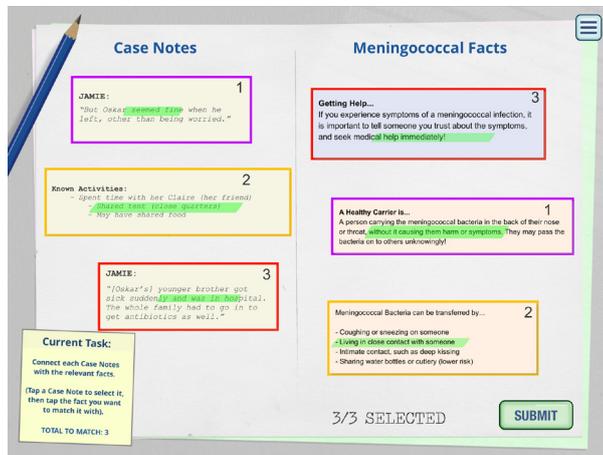
50

Record of People is updated in the Case File.



51

Player is taken back to the agency office to update Chief Jones on latest case developments.



52

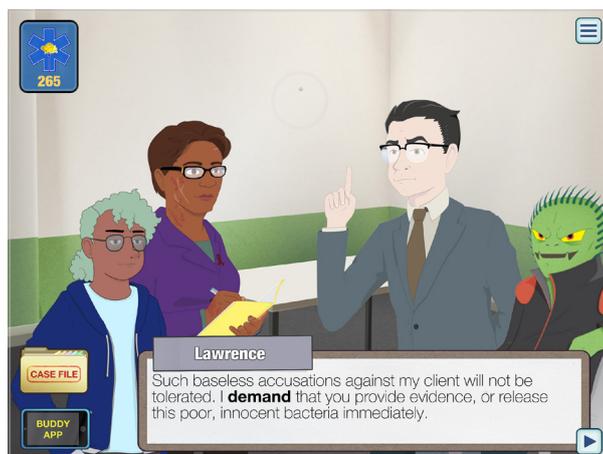
**MATCH THE FACTS 2 – Answers**

- Connect each Case Notes with the relevant facts (total to match: 3)



53

Final interview with MB



54

Player introduced to Attorney Lawrence.



55

Player is prompted to select which People the case has Present Evidence for – Claire



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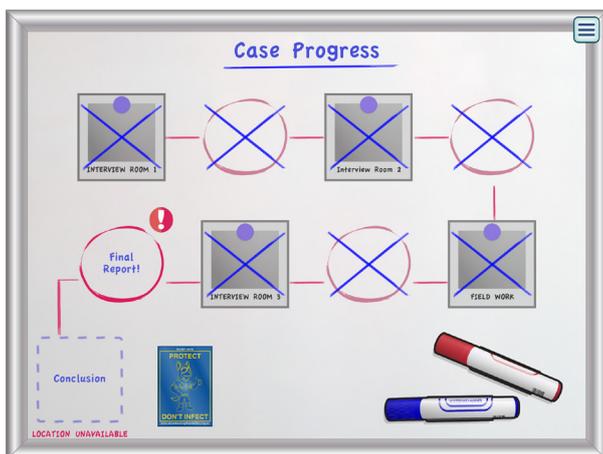
Player is prompted to select which People the case has Present Evidence for – Tent and Cooler



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Meningococcal bacteria likely to be transferred from Claire to Nakia – sharing a tent at camp (close contacts). This confined space could lead to transfer of bacteria through respiratory droplets. Oskar, Claire's boyfriend, likely spread to Claire via intimate contact, such as deep kissing.

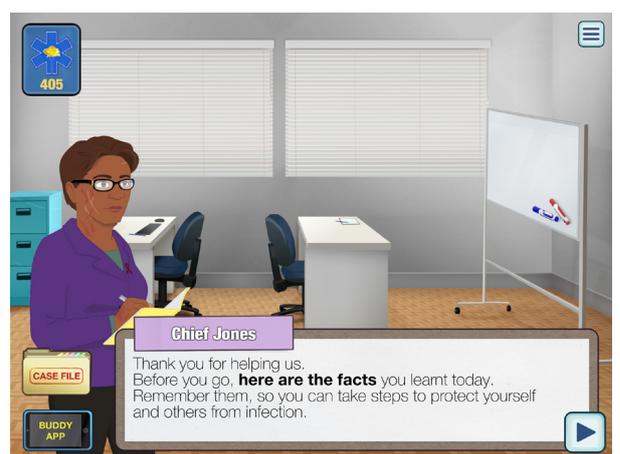
Case has now been solved. Player is prompted to complete the Final Report.



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### FINAL REPORT (QUIZ 2) – Answers

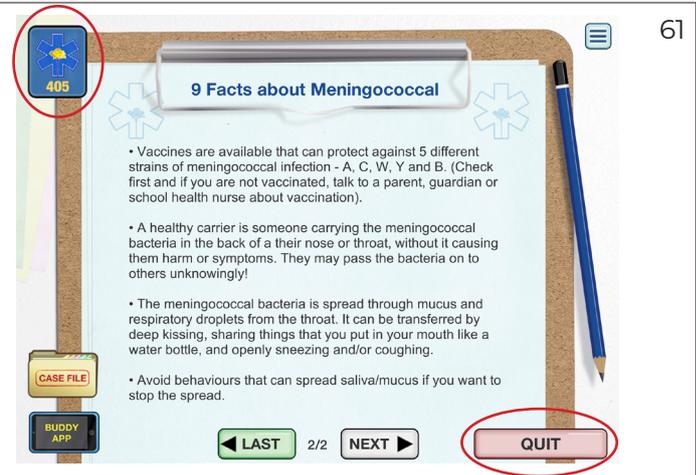
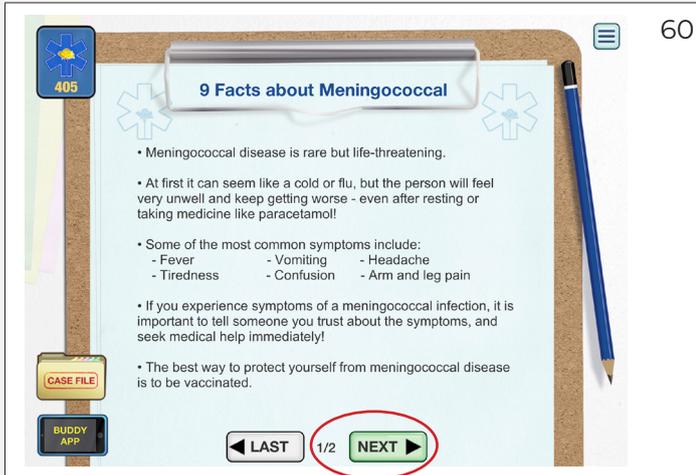
- 1 - True
- 2 - Bad headache, fever, feeling tired
- 3 - True
- 4 - Sharing cutlery or a water bottle, living in close contact with someone, deep kissing
- 5 - True
- 6 - All
- 7 - False
- 8 - True



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Game is finished at completion of case with the Detect and Protect agency.

- Player is given final score
- Scores can be compared in the **Badge – High Scores**



### 9 Facts about Meningococcal

At completion of MIApp, player will be taken to a screen with a clipboard, displaying the nine key facts learnt throughout the game.

Students are encouraged to record these to take steps toward protecting themselves and others against infection

### End of game - Quit