

# Incursions: Primary Cyber Security



## CYBER DEFENDERS

Teaching kids about cyber security is vital in today's digital world, where online threats are common. Whether we like it or not, kids are exposed to malicious actors who infiltrate their gaming platforms and social channels, making it essential to teach them skills about digital citizenship, protection of personal information, safe online behaviours, and strategies to avoid risks like cyber bullying and hacking.

CyberPathways incursion programs teach essential online safety skills using a range of fun, hands-on activities in age-appropriate ways. Learning outcomes build in complexity throughout the Primary School years, to provide a comprehensive Cyber Defenders learning program



Grades 3-6



90min



Completion Certificates



No student device or software requirements

### Year 3 – Year 4 CYBER DEFENDERS

60 minutes | Device FREE

#### INCURSION CONTENT:

Risks of sharing personal information  
Safe Passwords  
Phishing  
Kids + Gaming

#### Curriculum Sub-Strand: Privacy and Security

**AC9TDI4P08**  
**AC9TDI4P09**

Students secure their personal data by creating passwords that are hard to guess and begin to understand the risks associated with storing and sharing personal data online. They learn about the importance of protecting private data and consider the positive actions and behaviours they display when engaging with others online.

### Year 5 – Year 6 CYBER DEFENDERS

90 minutes | Device FREE

#### INCURSION CONTENT:

Digital Citizenship  
Cyber Security Principles  
Safe Passwords  
Phishing  
Kids + Gaming  
Intro to Cyber Bullying

#### Curriculum Sub-Strands: Data Representation Privacy and Security

**AC9TDI6P09**  
**AC9TDI6P10**  
**AC9TDI6K03**  
**AC9TDI6K04**

Students access multiple personal accounts using unique passphrases and explain the risks of password re-use; students explain the creating and permanence of their digital footprint and consider privacy when collecting data; Students explore how digital systems represent all data using numbers, and explore how data can be represented by on and off states.