

# INSTRUCTIONS

## The Mighty Mushie



YEAR 5-10

## PIEFA Food and Fibre Farm to Family Card Game

Australian  
MUSHROOMS

 AMGA<sup>®</sup>  
Australian Mushroom Growers Assoc.

This resource has been developed by:

 Primary Industries Education  
Foundation Australia 

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## AUSTRALIAN CURRICULUM CONTENT

### ➤ YEAR 5-10

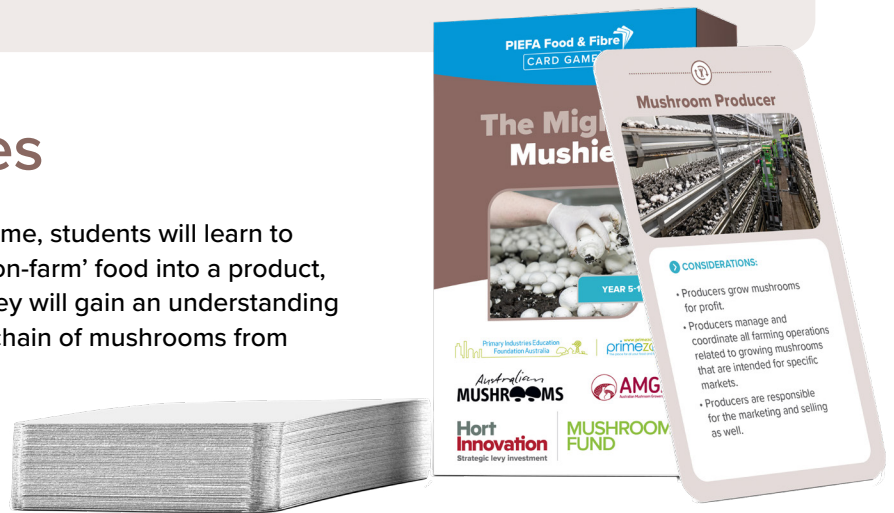
Analyse how people in design and technologies occupations consider ethical, security and sustainability factors to innovate and improve products, services and environments ([AC9TDE10K01](#))

Analyse the impact of innovation, enterprise and emerging technologies on designed solutions for global preferred futures ([AC9TDE10K02](#))

Analyse and make judgements on the ethical, secure and sustainable production and marketing of food and fibre enterprises ([AC9TDE10K04](#))

## Game Objectives

By participating in a hands-on card game, students will learn to sequence the process of converting ‘on-farm’ food into a product, suitable for retail sale. Additionally, they will gain an understanding of the careers involved in the supply chain of mushrooms from Farm to Family.



## Resources and Equipment

### PACK CONTENTS

➤ 35 game cards



**Arrow cards**

12 x Arrow game cards



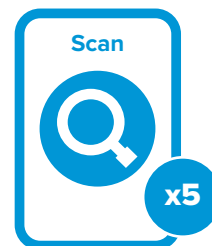
**Step cards**

13 x Step game cards



**Career cards**

5 x Career game cards



**Scan cards**

5 x QR Code game cards

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## ▶ GAME 1 - THE FARM TO FAMILY FLOWCHART

1. 2 - 3 players
2. Butchers paper and markers
3. Individual computer/digital device access
4. [Mushrooms - Making Mushroom Compost \(3:46\)](#)
5. [Mushrooms - Growing & Picking \(3:27\)](#)
6. [Mushrooms - Packhouse & Distribution \(2:02\)](#)
7. [Six steps to mushroom farming](#)
8. Farm to Family game cards.

### Objective

To create a flowchart of the Farm to Family production process in the correct order.

### Game play

1. Players watch the mushroom production process videos. (These clips can be accessed using the QR codes from the card pack or the links in Resources and Equipment). Then read the six steps to mushroom farming.
2. During the clips, players draw a flowchart on butchers paper, showing the journey of mushrooms from the Farm (producer) to Family (consumer).
3. Players include the names of the steps in the production chain and use arrows between each step to show the path of the product.
4. Players should also record the names of any careers they observe throughout the footage in the correct position on their flowchart.
5. Players place all the Farm to Family game cards (QR code game cards should be removed from the pack) face up and sort them into three piles: step cards, arrow cards, and career cards.
6. Players collaborate and organise the cards into a supply chain by placing the step game cards into their sequential order and arranging the arrow game cards between each step to create a flowchart.
7. Players then place the career game cards adjacent to the step they are associated with to finalise their flowcharts.
8. Players check answers with their teacher.

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**12 x Arrow game cards**

**13 x Step game cards**

The main game box features the Hort Innovation logo, MUSHROOM FUND, and the title 'The Mighty Mushie'. It includes an image of hands picking mushrooms and the PIEFA Food & Fibre logo.

The Arrow game card is a vertical card with a large white arrow pointing upwards. It includes the text 'Arrow' and 'Food & Fibre CARD GAME'.

The Step game card is a vertical card with a blue background and a white line graph icon. It includes the text 'Step' and 'Food & Fibre CARD GAME'.

**5 x QR Code game cards**

**5 x Career game cards**

The QR Code game card is a vertical card with a blue background. It features a QR code and the title 'Six Steps to Mushroom Farming'. Below the QR code, it says 'To view the video, scan the QR code. Or visit: [extension.psu.edu/to-mushroom-farming](http://extension.psu.edu/to-mushroom-farming)'.

The Career game card is a vertical card with a grey background. It features an image of hands picking mushrooms and the title 'Mushroom Picker'. Below the image, it includes 'CONSIDERATIONS:' and a list of points: 'Mushrooms are picked by hand.', 'Harvesters carefully select mushrooms from growing beds.', and 'Due to the controlled growing conditions, mushrooms are grown year-round.' It also mentions 'Mushrooms are harvested 365 days a year.'.

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### Attribution, credit & sharing

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