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An immersive role-playing card game about **professions in the bioeconomy.**

Recommended age: +6 years Number

of players: 2-6 Game length: 10-15

minutes

Our world is under threat from imbalance: only the bioeconomy can save it! Fortunately, there are **6 bioeconomy professions** that, if they manage to carry out all their tasks, can stop the destruction of the planet. The aim of the game is simple but crucial: be the first to help the bioeconomy professions fulfil their tasks and keep the Earth safe.

AUTHORS

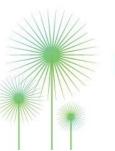
The game was developed as part of the project funded by the European Commission, GenB Informing and educating young people on more sustainable behaviors and choices to build a future Generation informed and interested in Bioeconomy (G.A. 101060501) Created by: AIJU, Technological Institute for children's products and leisure Scientific validation by: BTG Biomass Technology Group B.V. Designed by: Manuel Camacho (Agencia Magnet)

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Game modes

GAME MODE 1 "BioHeroes discover the tasks"

for younger players or those new to the game.

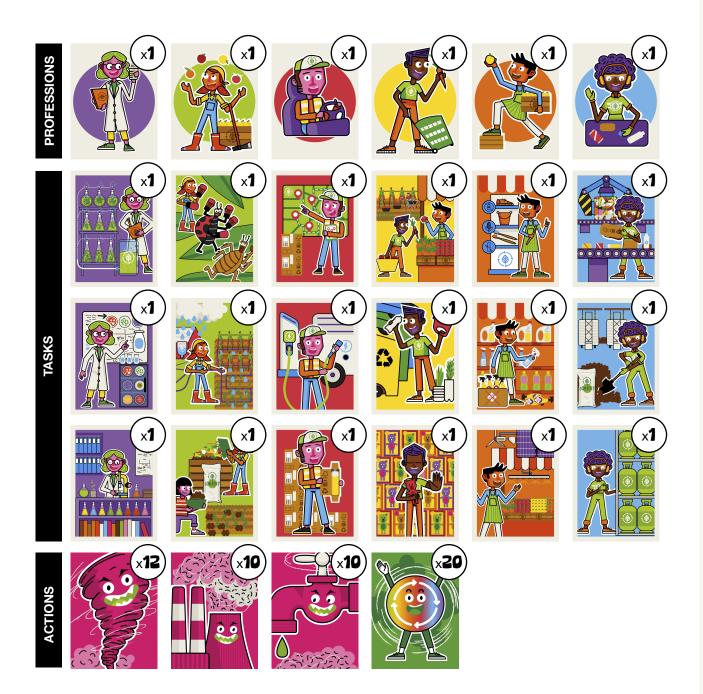


for more experienced players or those seeking a greater challenge.

GAME MODE 1 "BioHeroes discover the tasks"

Contents

The game contains **76 cards** divided into **6 profession cards**, **18 task cards** and **52 action cards**. They are divided into the following types:



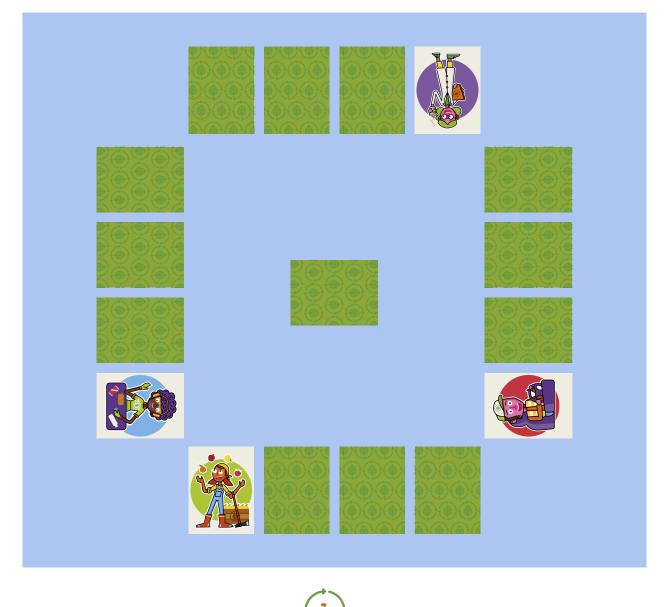
Aim of the game

The aim of the game is to match the profession cards with their three tasks by placing these cards face up. The player who completes their profession card with its task cards first is the winner.

Setting up the game

- Sort the cards into three piles: one for profession cards, one for task cards, and one for action cards.
 - **Deal** one of each profession card to each player and place them face up in a line in front of each player. Discard the remaining profession cards that are not used in the game.
- Deal the three task cards corresponding to their profession to each player and place them face down next to the corresponding profession card. Discard the remaining task cards that are not used in the game.
- Shuffle the action cards, then deal three cards to each player. Place the rest of the deck face down on the table within reach of all players.

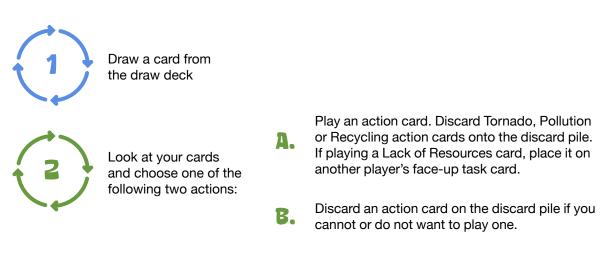
An **example** of a game set up for 4 players would be as follows:



How to play

The game is played clockwise. The starting player is the player that last recycled something. In the event of a tie, the youngest player will start.

Each turn consists of two steps:



You must perform one of these two actions on your turn. After that, it is the next player's turn.

Play continues in the same way with the aim of completing the three tasks of each profession.

Example of gameplay sequence



Resources card to block Player A's

"Use compost" task.

Player C (Bioeconomy researcher) draws an action card and gets a **Tornado** card.

Player C plays the **Tornado** card, and all players exchange their action cards with the player to their left.

Player D (Transporter) draws an action card and gets a **Pollution** card.



Player D uses the **Pollution** card to make **Player A** miss their next turn.

End of the game

The game ends when the three task cards of one player are face up on the table.

GAME MODE 2 "Biolleroes get to work"

Contents

The game contains **88 cards** divided into **18 profession cards**, **54 task cards** and **16 action cards**. They are divided into the following types:



Aim of the game

The aim of the game is to complete a profession by placing three task cards next to the corresponding profession card. The player who completes a profession card first in front of them is the winner.

Setting up the game

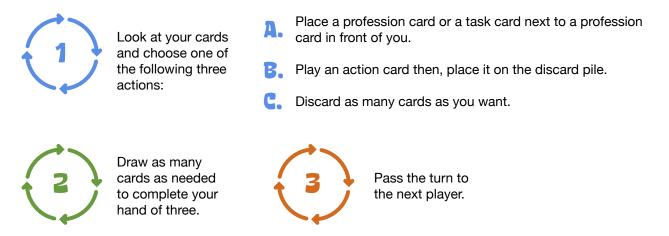


- Shuffle the deck, then deal **3 cards to each player.**
- Place the deck face down on the table within reach of all players.
- The discard pile will be placed next to it, face up. If the draw deck runs out of cards, shuffle the discard pile and place it face down to form a new draw deck.

How to play

The game is played clockwise. The starting player is the player that last recycled something. In the event of a tie, the youngest player will start.

Each turn consists of three steps:



Play continues in the same way with the aim of completing the three tasks of a profession.

End of the game

The game ends when a profession card on the table is completed. The player who completed first win.



Bioeconomy researcher

Tasks

- 01 Develop creative products 02 Develop novel food
- **03** Conducting experiments









Organic Farmer

Tasks

O1 Biological pest control with ladybirds
O2 Rainwater harvesting
O3 Use compost









Transporter

Tasks

- **01** Design ecological routes
- **92** Select sustainable means of transport
- **03** Use sustainable packaging









Buyer

Tasks

O1 Enhance local consumptionO2 Reduce, recycle and reuseO3 Enhance concious consumption











Seller

Tasks

Offer bio-based, circular and recycled productss
Offer products with ecological awareness labels
Use clean energy









Recycling centre

Tasks

91 Separating and sorting waste92 Produce compost93 Produce biogas









ACTION CARDS

Action cards can change the game to help you win. Use them to your advantage or to prevent your opponents from completing their goals before you.

In game mode 1 "BioHeroes discover the tasks", you play these cards as soon as you draw them from the deck.

In game mode 2 "BioHeroes get to work", you can play these cards as soon as you draw them from the deck or discard pile, or choose to wait until it suits you.



Tornado

Game mode 1 & mode 2 When this card is played, all players pass their hand to the player on their left.



Lack of resources

Game mode 1 The player can choose another player of their choice to block a task played face up by another player. The player places it on another player's faceup task card. Only one card may be placed.card has not been completed.

Game mode 2

The player can take a task card placed on a profession card by another player.



Pollution

Game mode 1 & mode 2 The player can choose another player of their choice to miss a turn.



Recycling

Game mode 1 The player can place their own task card face up, or unblock a previously blocked task card by removing the Lack of Resources task.

Game mode 2

The player can block a profession card or a task card by placing this card on top of it.

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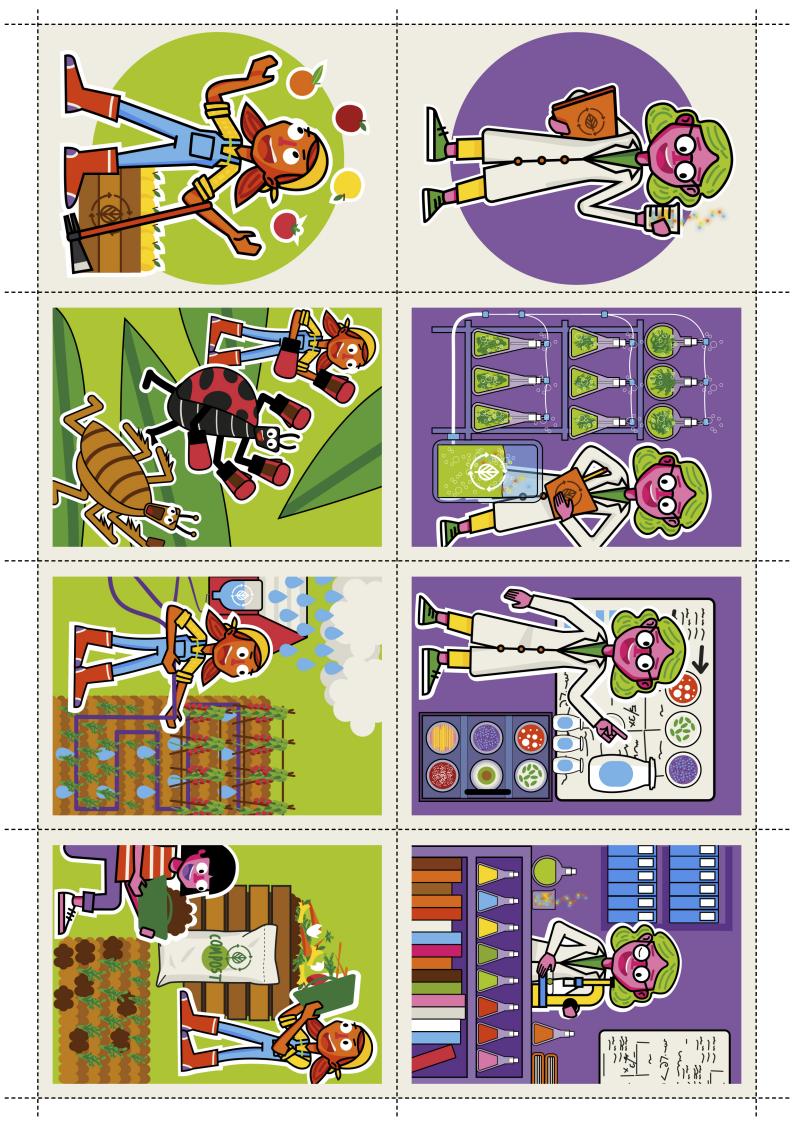


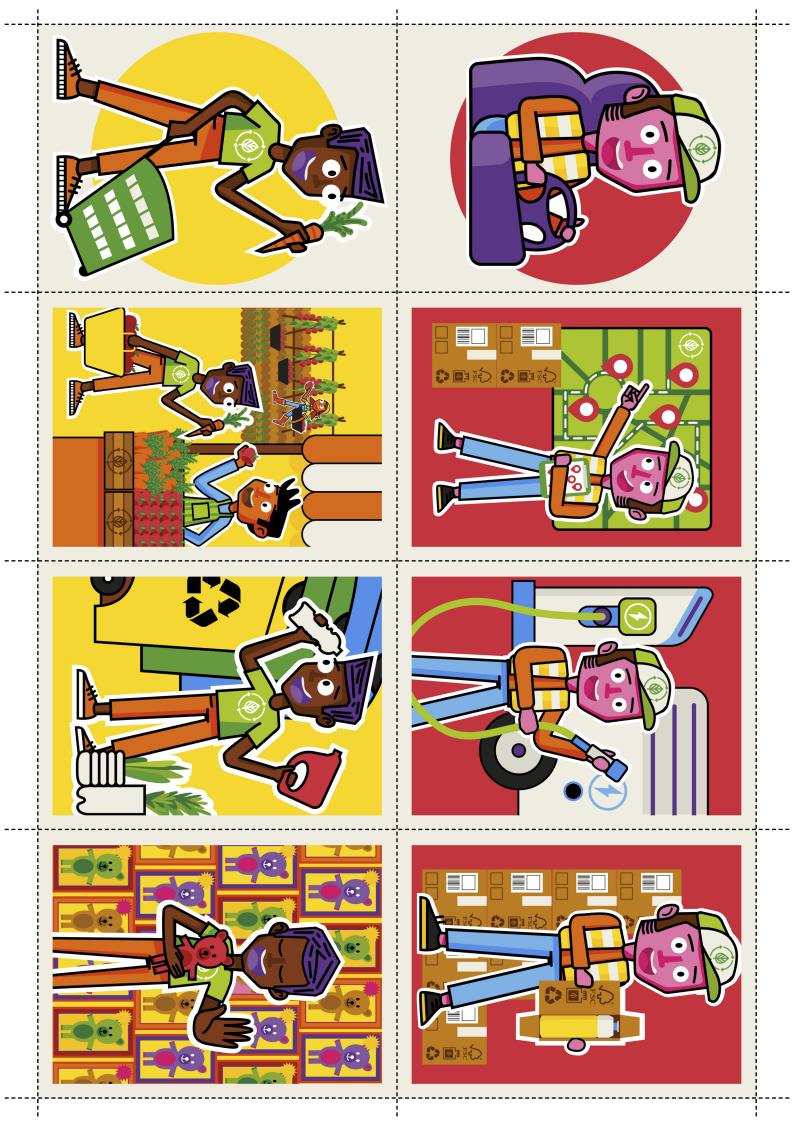
- Print the pages on A4 sheet of paper.
- Print as many card backs as you need.
- Glue the card fronts and backs onto cardboard.
- () Cut around the edges.
- Enjoy playing!

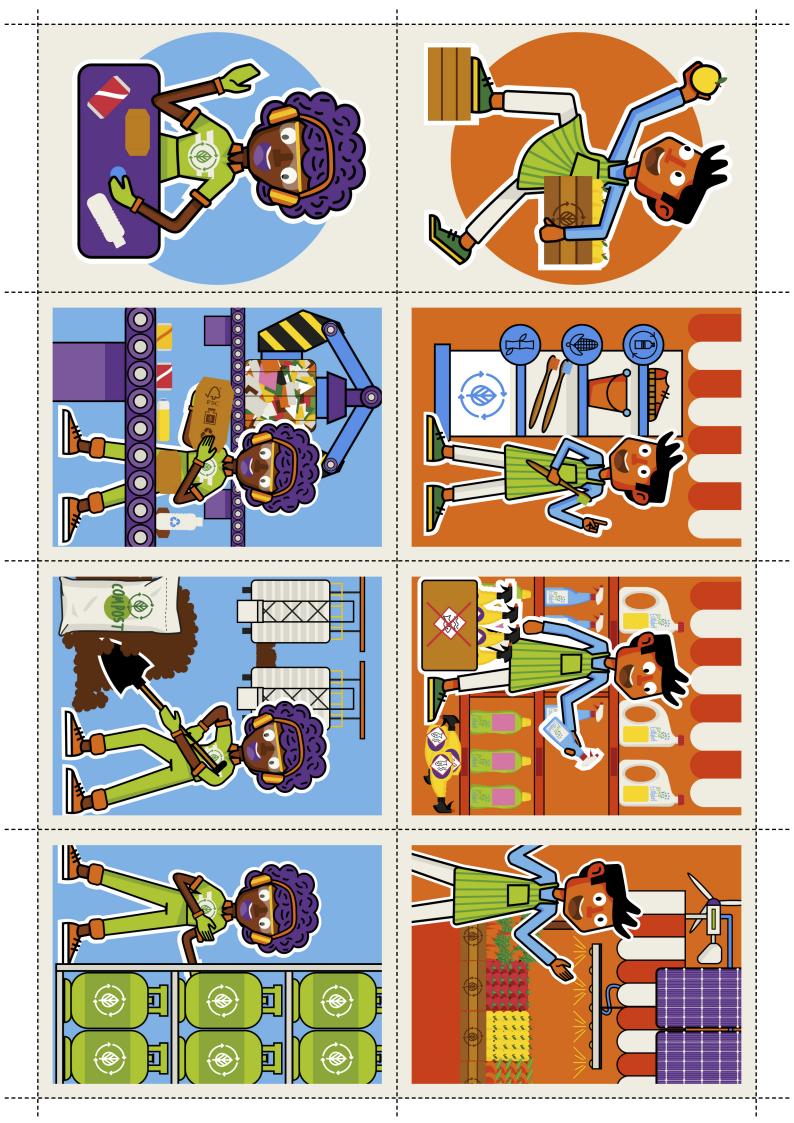
Example

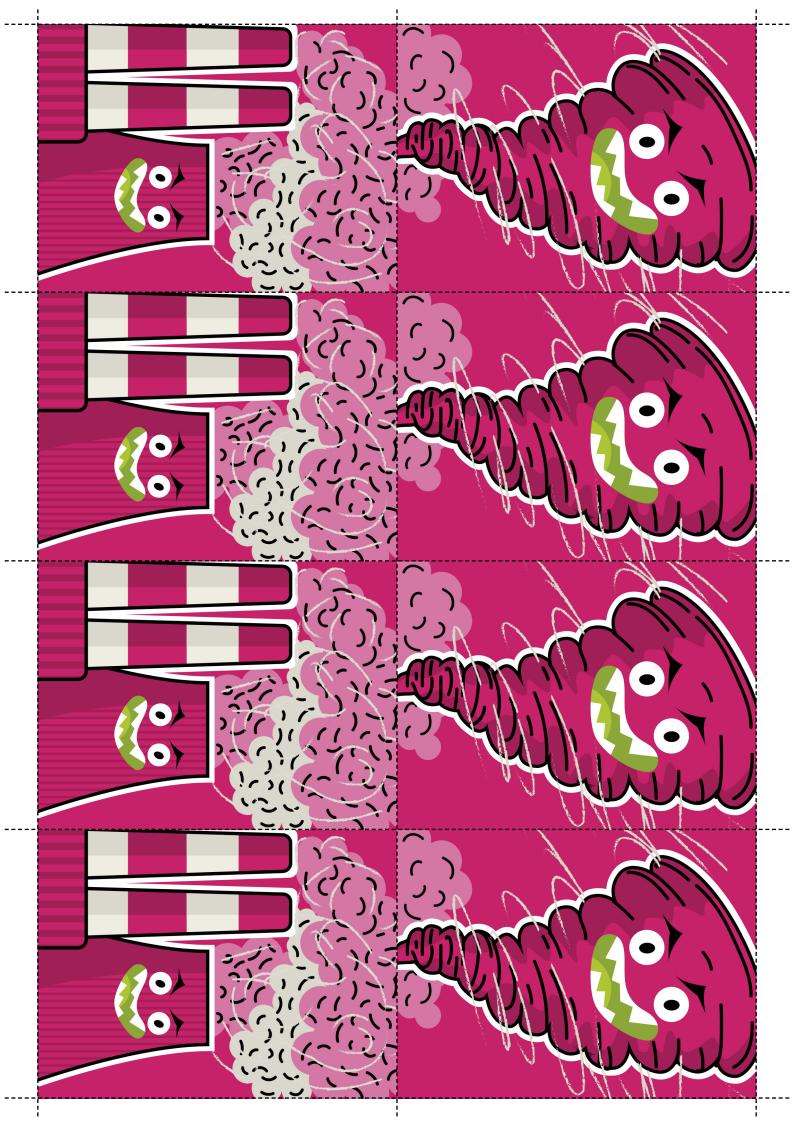


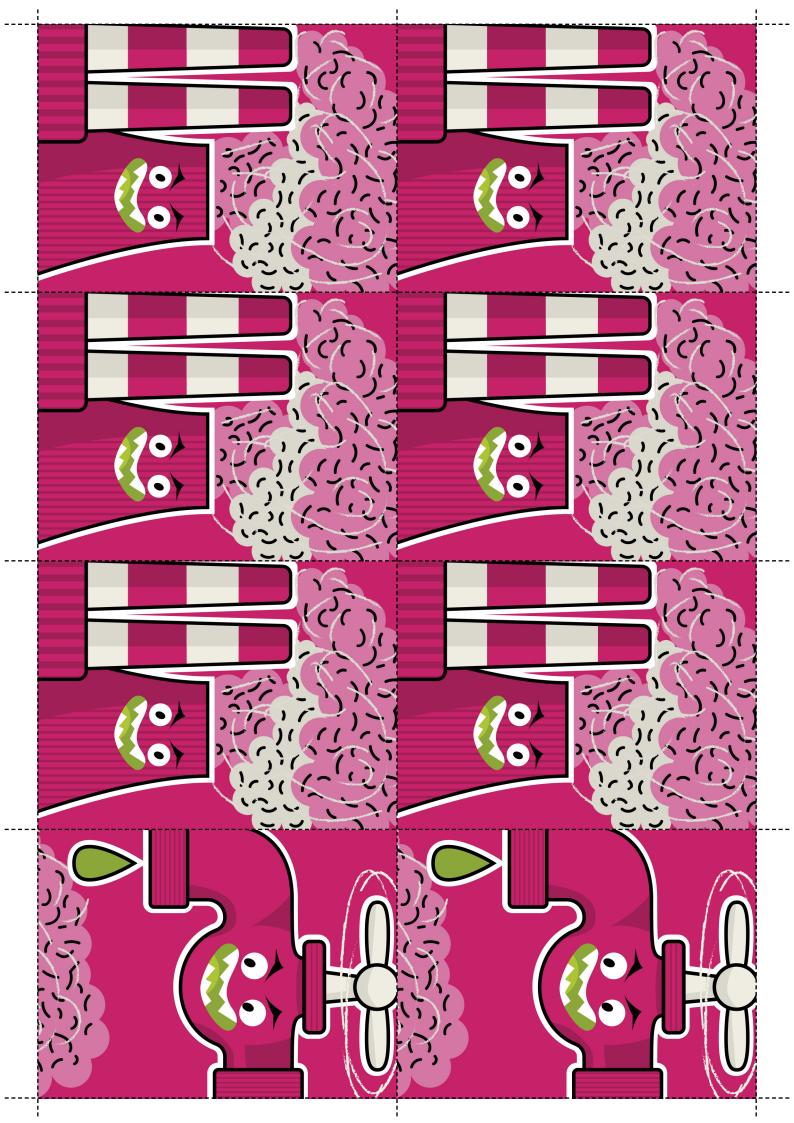
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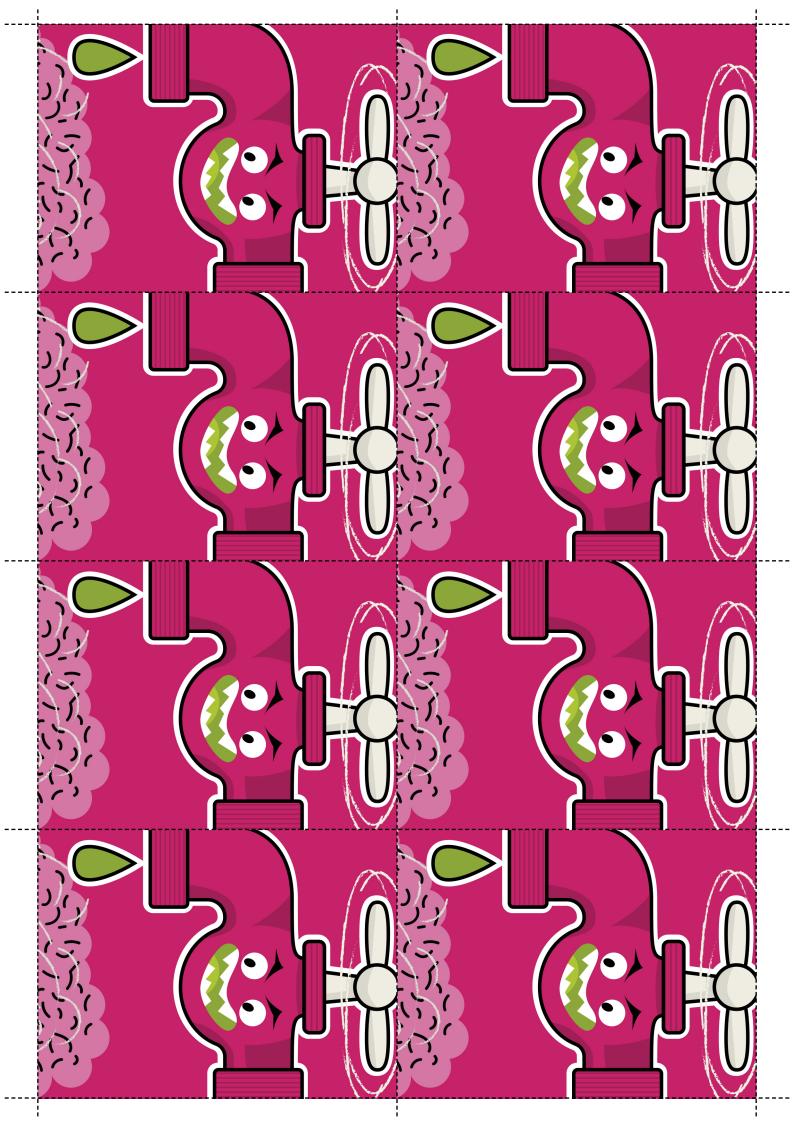


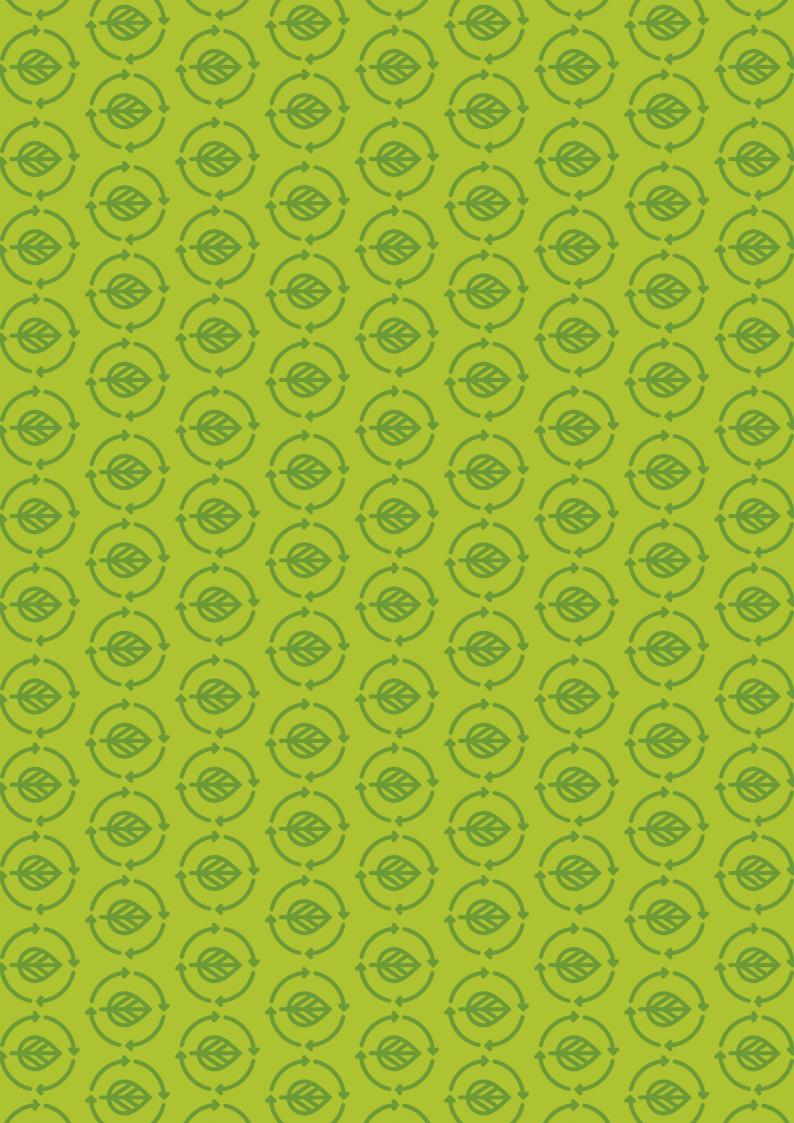




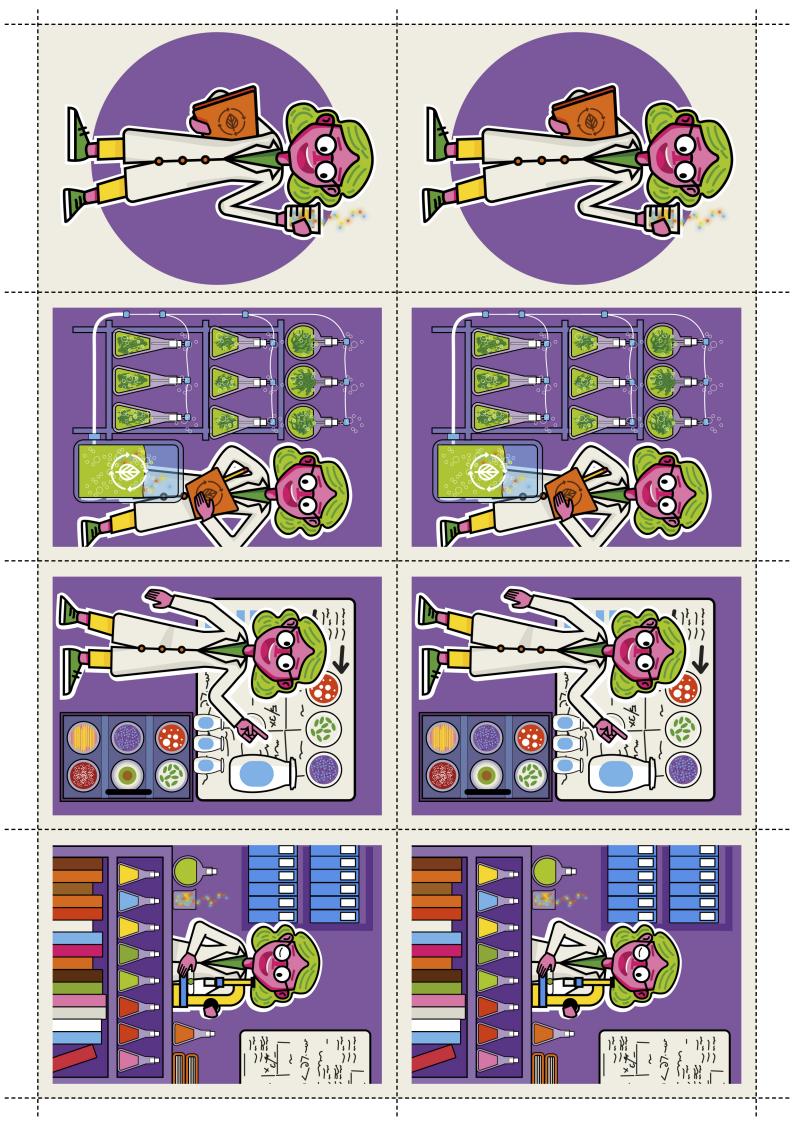


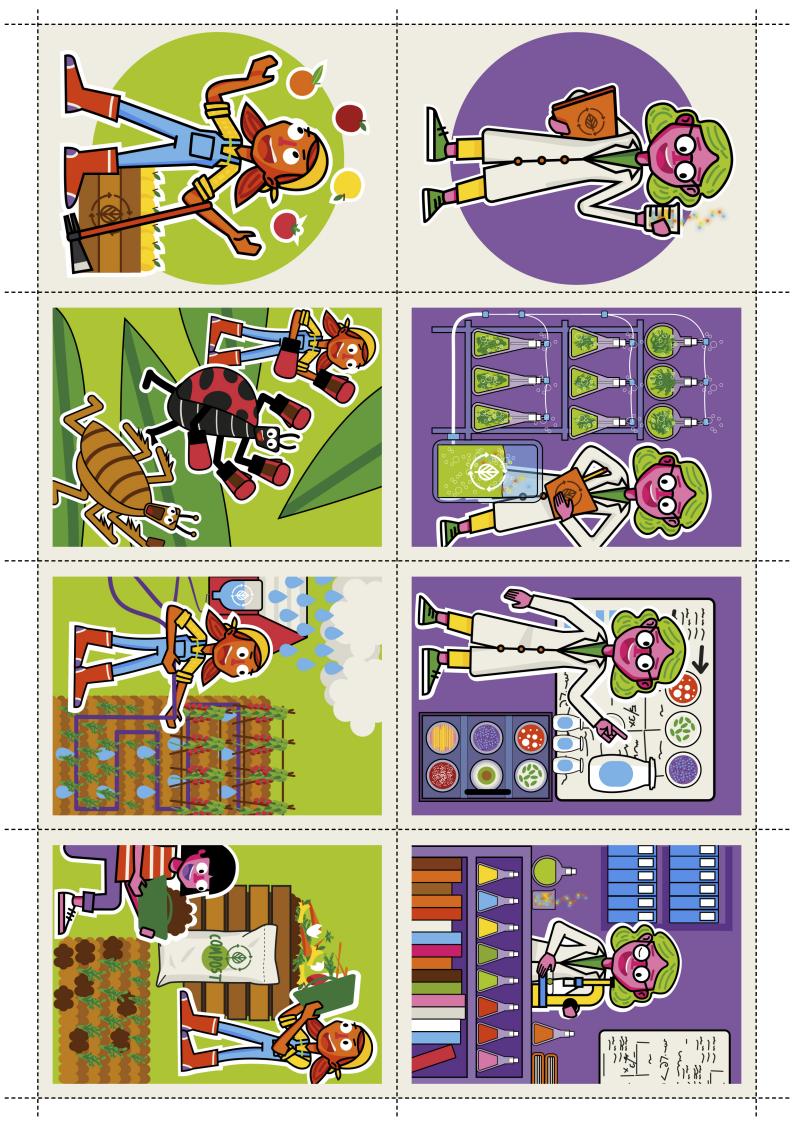




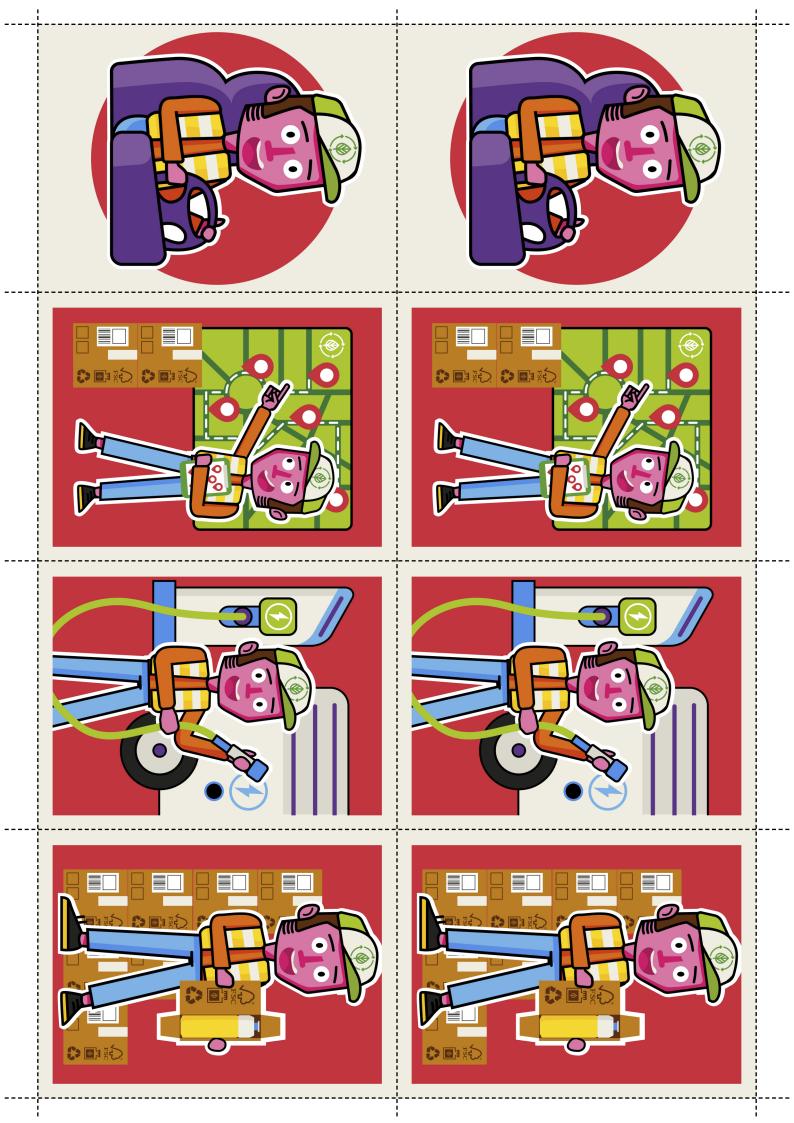


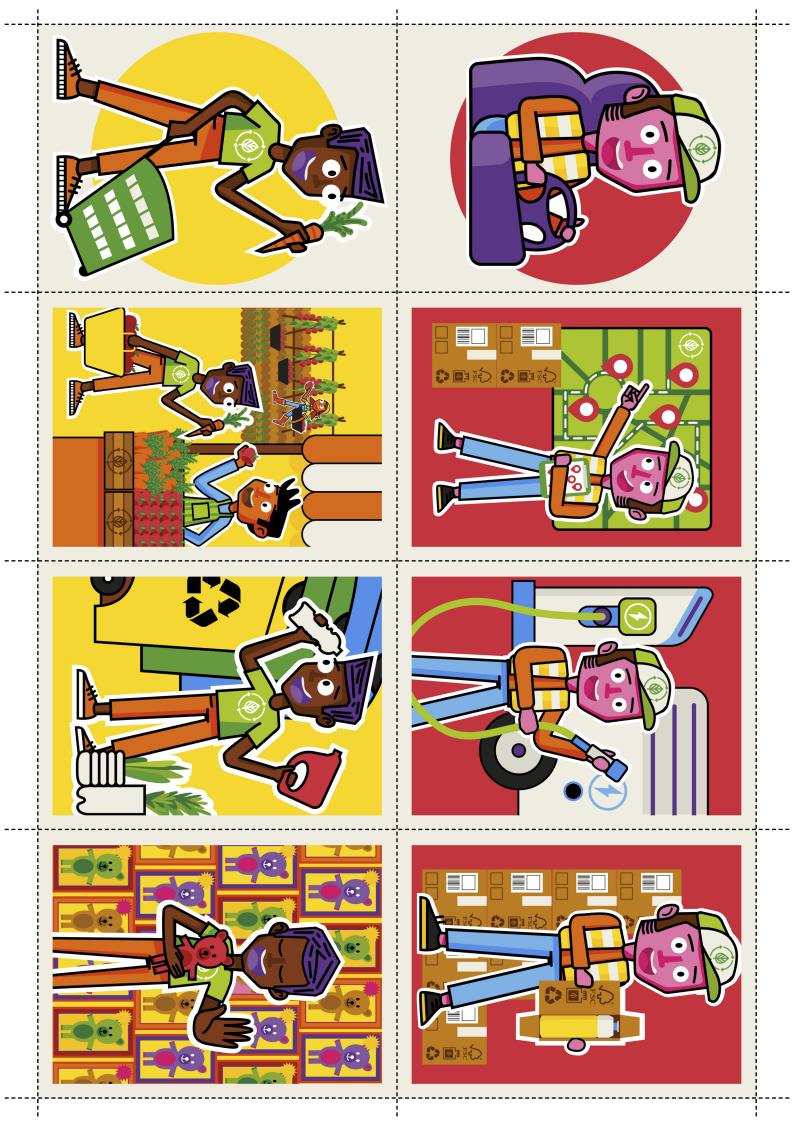
GAME MODE 2 "BioHeroes get to work"

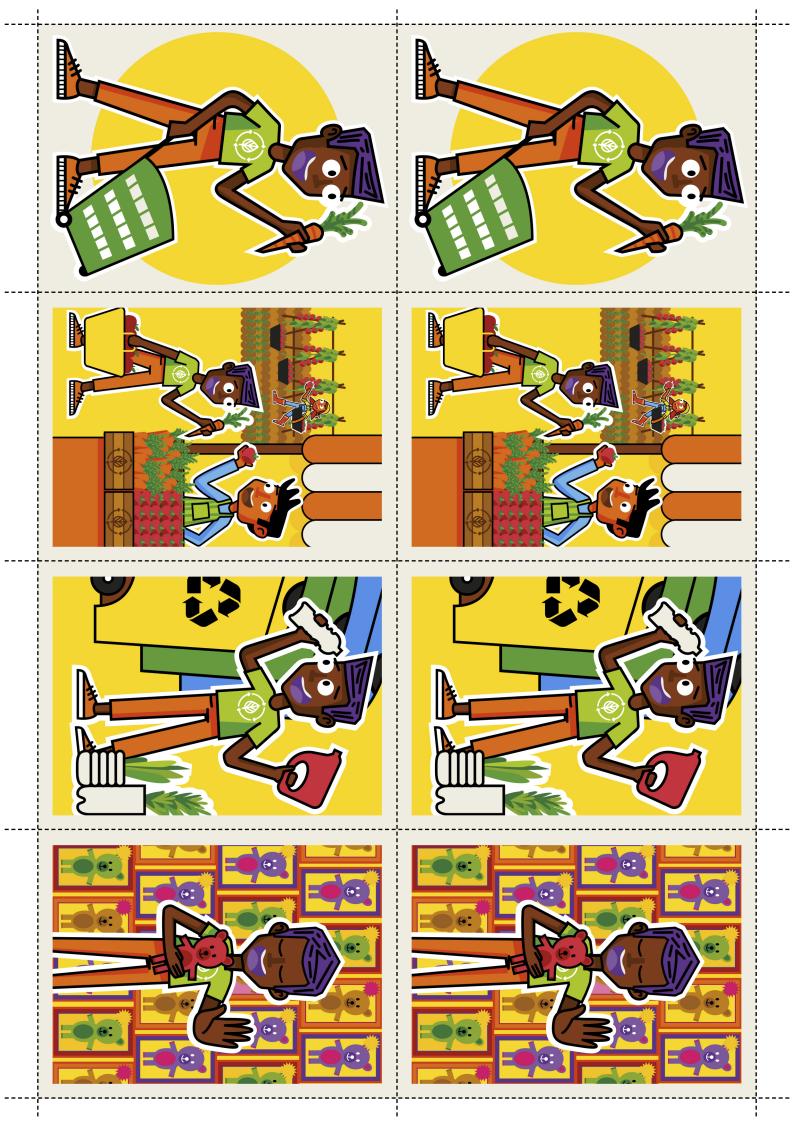


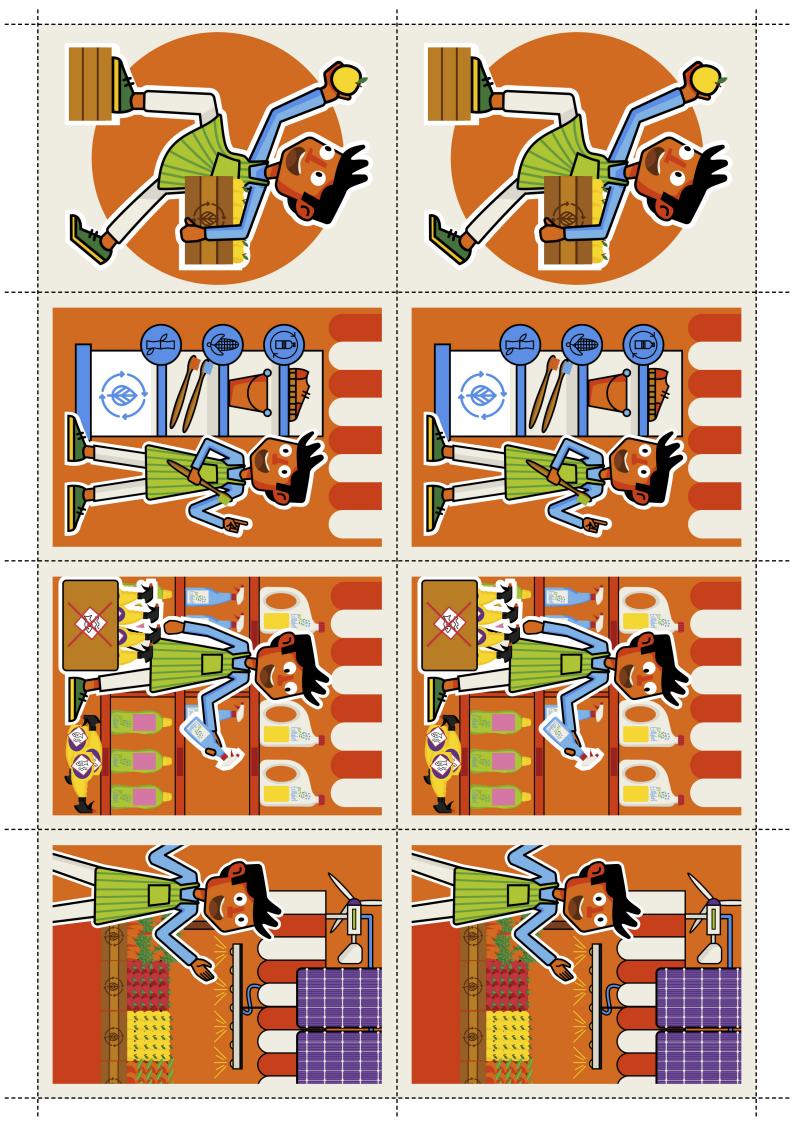


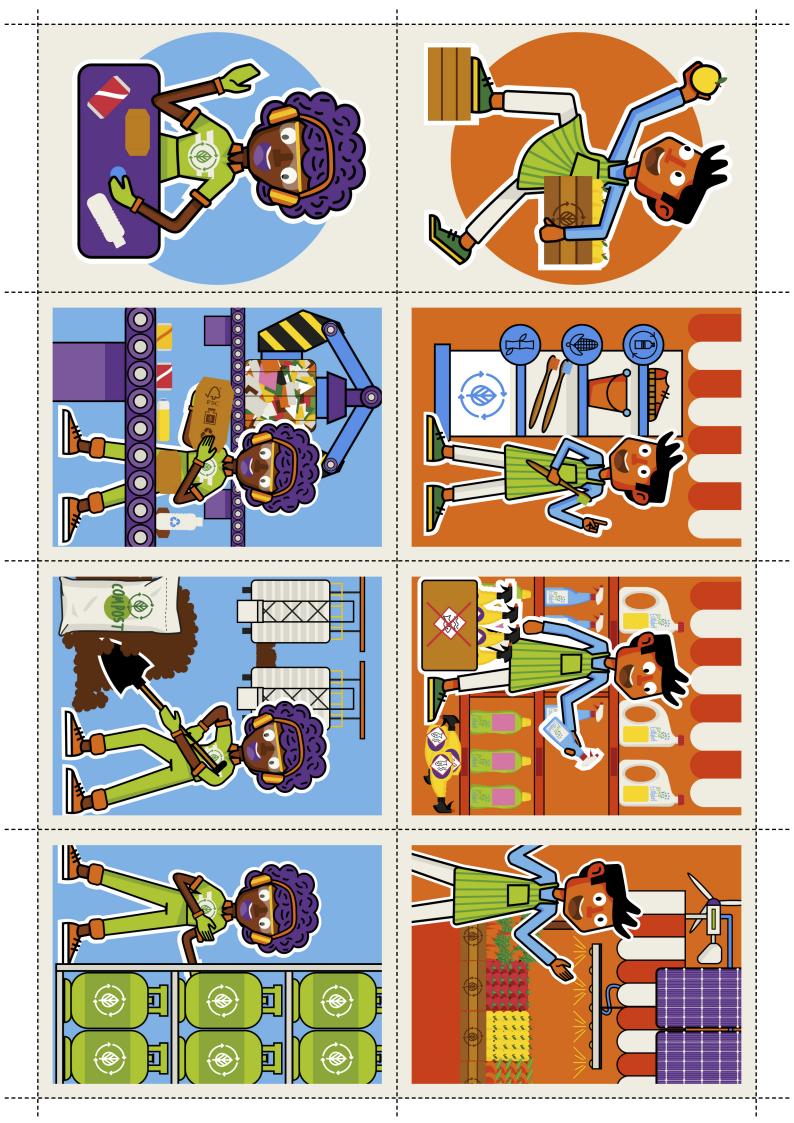


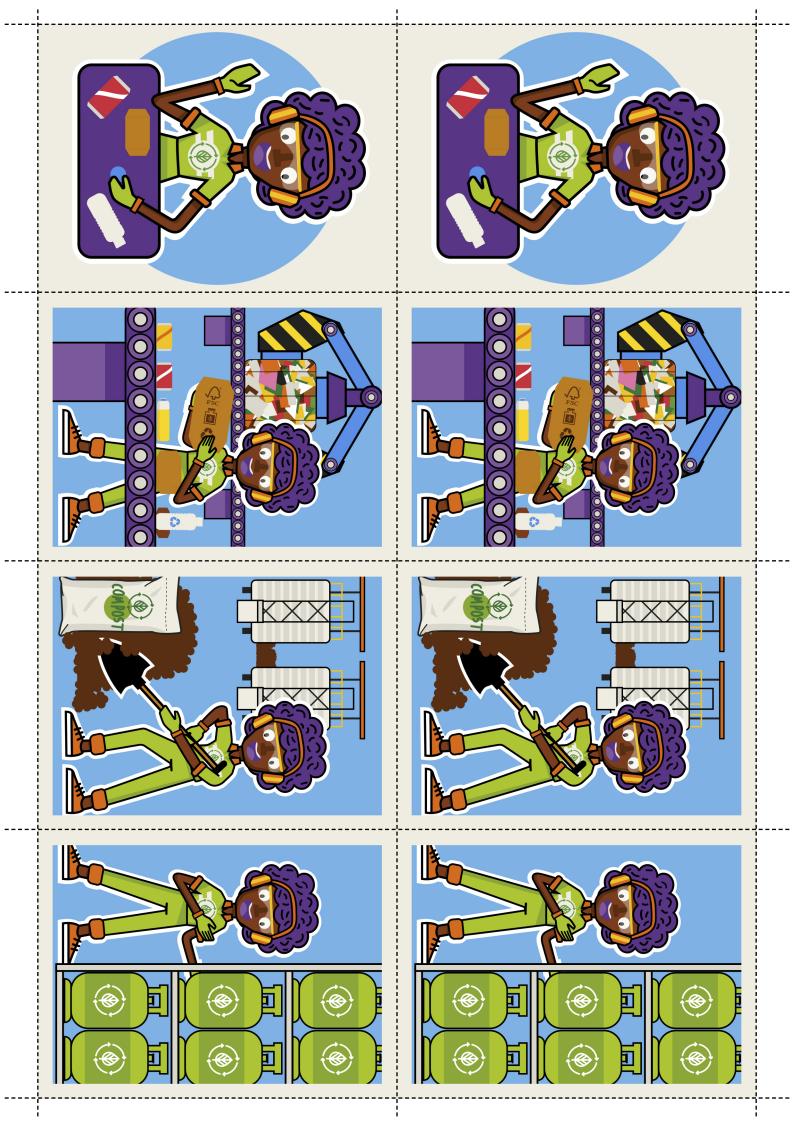


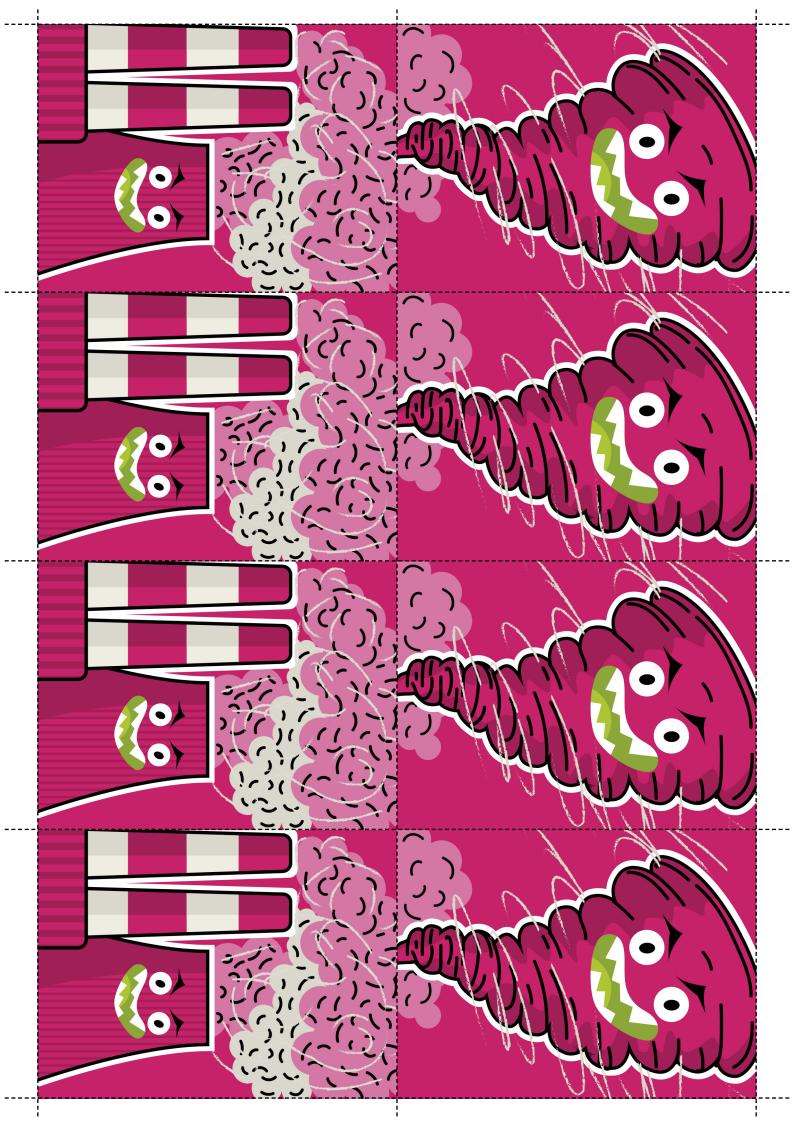


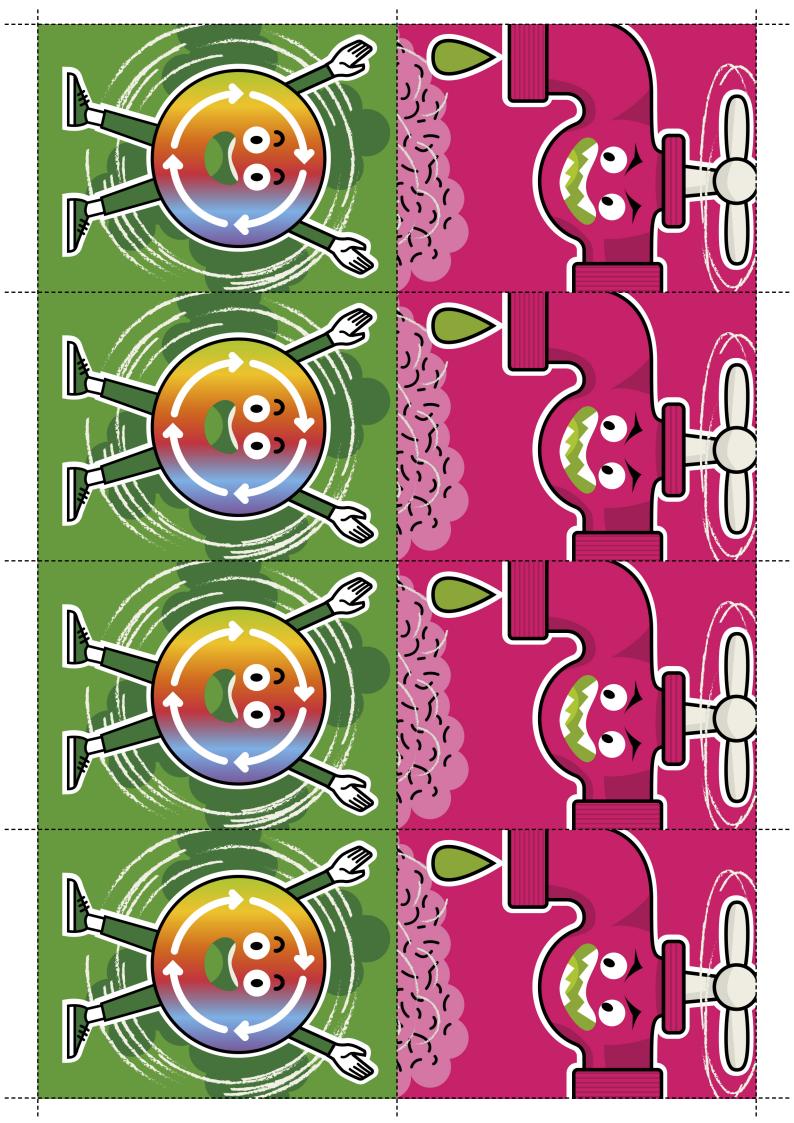


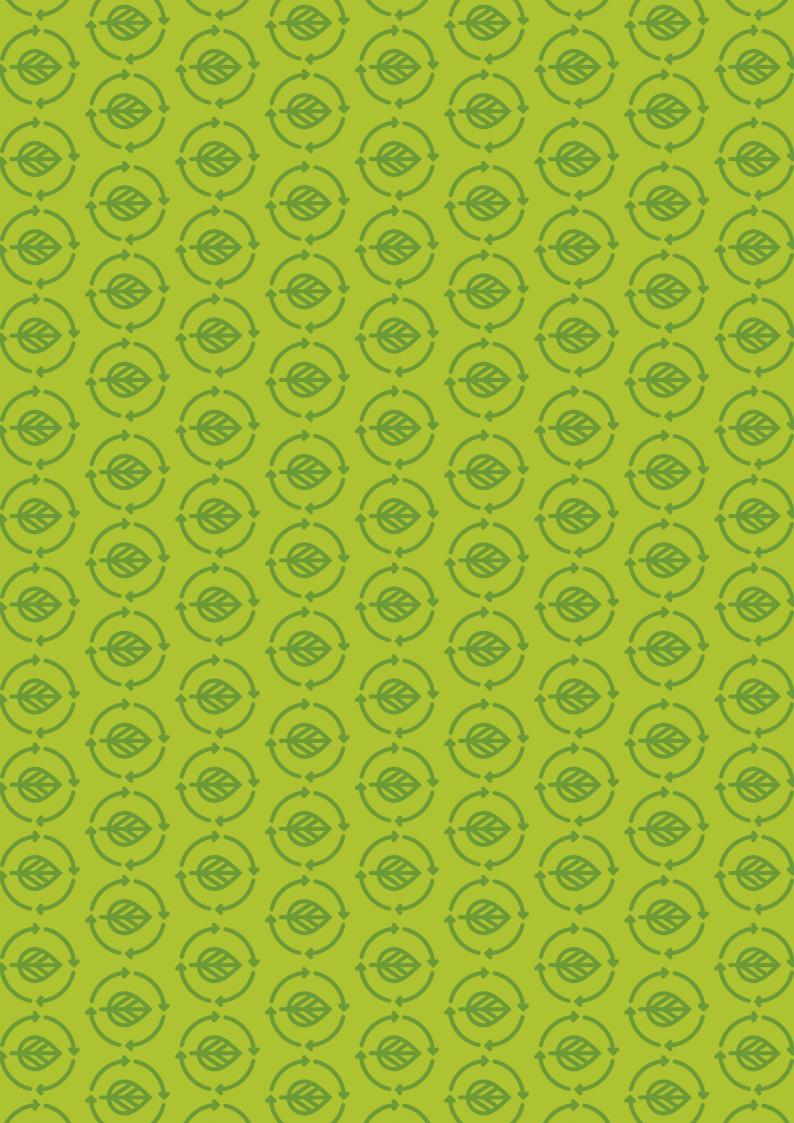














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