30 min

4 people

The Mountain Slide

a cooperative game in a changing climate



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Instructions

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1



Forests are home to an estimated 80% of the world's land species.

Action Card



1



A tree must live for at least 10-20 years to have a meaningful effect on the environment.

Action Card



2



Forests cover roughly a third
of the land on earth.

Action Card



2



In the last decade, forests, plants and soils absorbed about 30% of all carbon emissions caused by humans.

Action Card



5



The Great Green Wall is a large plan to grow a wide band of trees and plants across the entire width of Africa to stop the Sahara Desert from growing larger.

Action Card



1



Clearing forests makes soil erosion worse, as there are no tree roots left to hold the dirt in place.

Action Card



1



2,000 years ago, 80% of Western Europe was covered by forests. Today, only 34% is covered by forests.

Action Card



2



More than half of the world's original tropical forests have been cleared or degraded since 1960.

Action Card



2



Deforestation and forest damage is the second largest source of carbon emissions.

Action Card



5



10 million hectares of forest are
cut down every year.
That's about the size of Portugal.

Action Card



1



About 60% of the world's freshwater resources come from mountains.

Action Card



1



Major iron ore mines are located directly inside the Amazon rainforest, causing widespread deforestation and polluting local rivers.

Action Card



2



Iron mining uses vast amounts of freshwater, often draining the supply in already dry regions.

Action Card



2



Exposed sulfur rocks mix with air and water to form acid. This acid drains out of mines which poisons nearby rivers, streams, and underground drinking water.

Action Card



5



Active mining activities cover over 100,000 square kilometers of land globally - an area roughly the size of Iceland.

Action Card





Joker

1-2 resources of your choice

Action Card





Joker

1-2 resources of your choice

Action Card



2 

2 

Logging is not the only reason for loss of forestation. Wildfires and rising sea levels also account for a part of it.

Action Card



2 

2 

Beyond CO_2, which dominates the greenhouse effect, other anthropogenic greenhouse gases (e.g. CH_4, N_2O, and others) also play a significant role.

Action Card



2 

2 

The ocean absorbs about 90% of the excess heat trapped by greenhouse gases. This extra heat expands the water and melts ice sheets, driving up sea levels.

Action Card



Character card



The Carpenter



forest

3x



forest

2x



Character card





The Tourist Guide

2x 

Character card



The Ore Mine



+2 

per  card

Character card



The Skiing Resort



glacier

+2

+2

glacier

+1

+1

Mining scale



Mining Scale

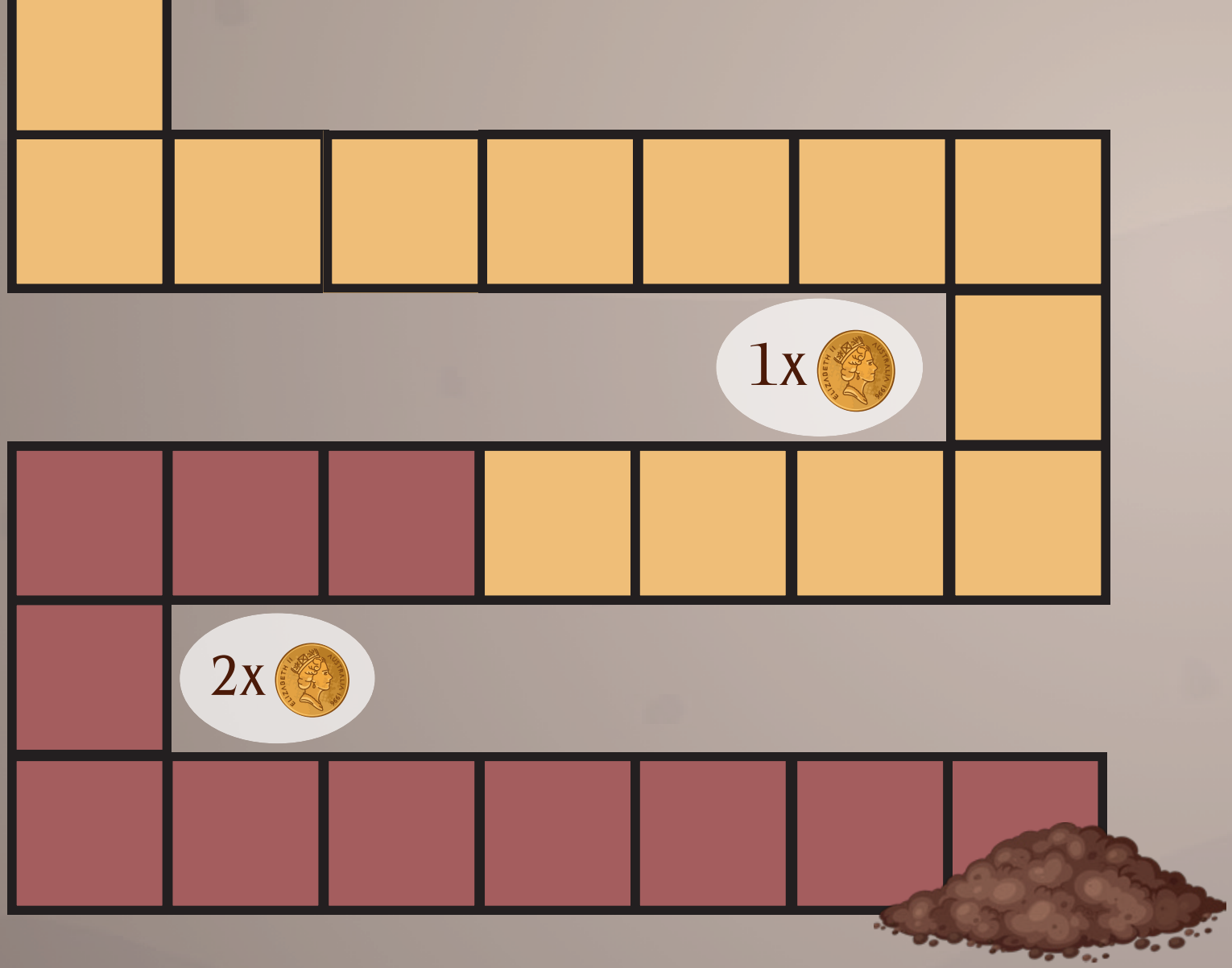
0x



START

Mining scale




1x
2x

Glacier scale



- 1st round

0x 

- 2nd round

- 3rd round

1x 

- 4th round

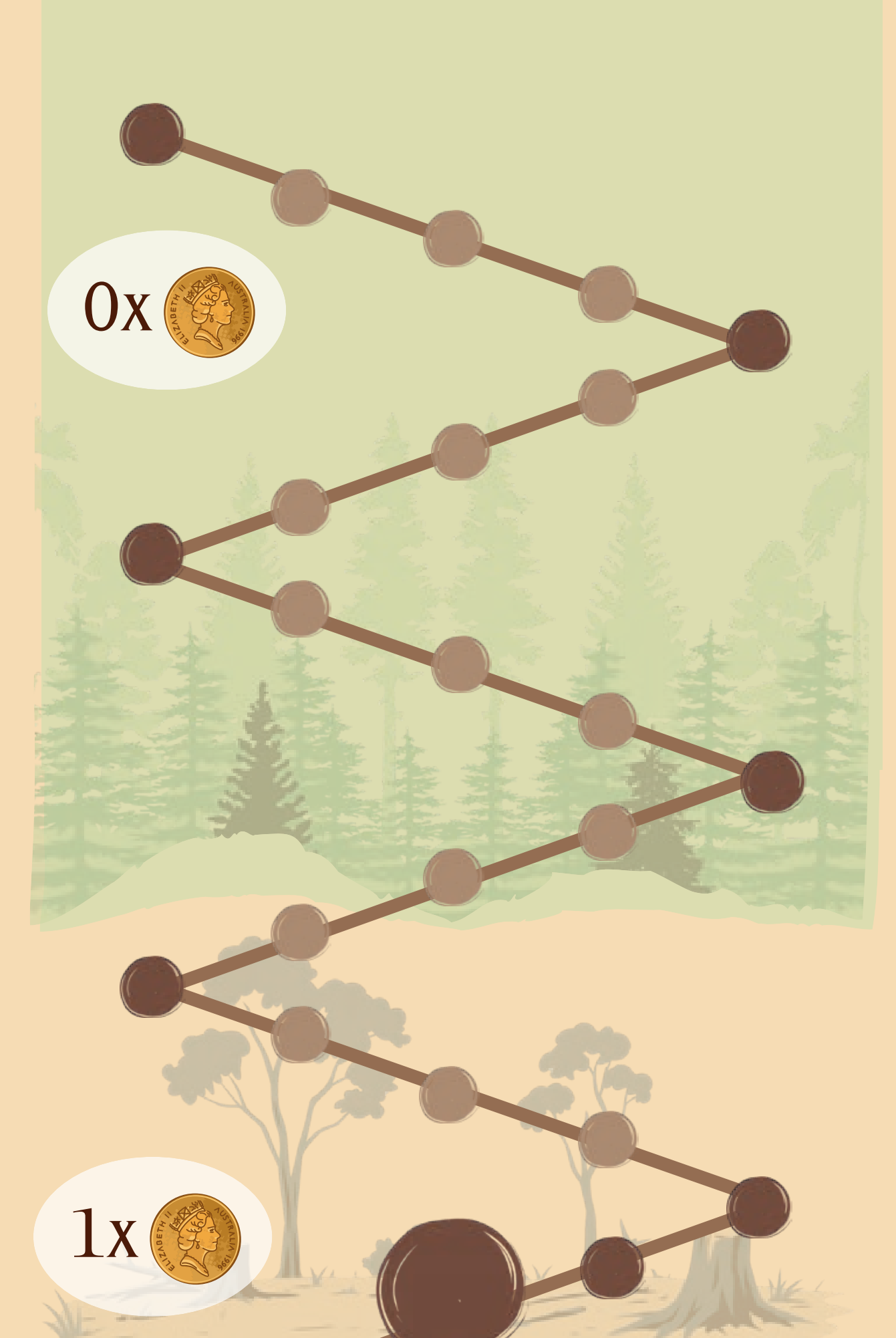
- 5th round

2x 

- 6th round

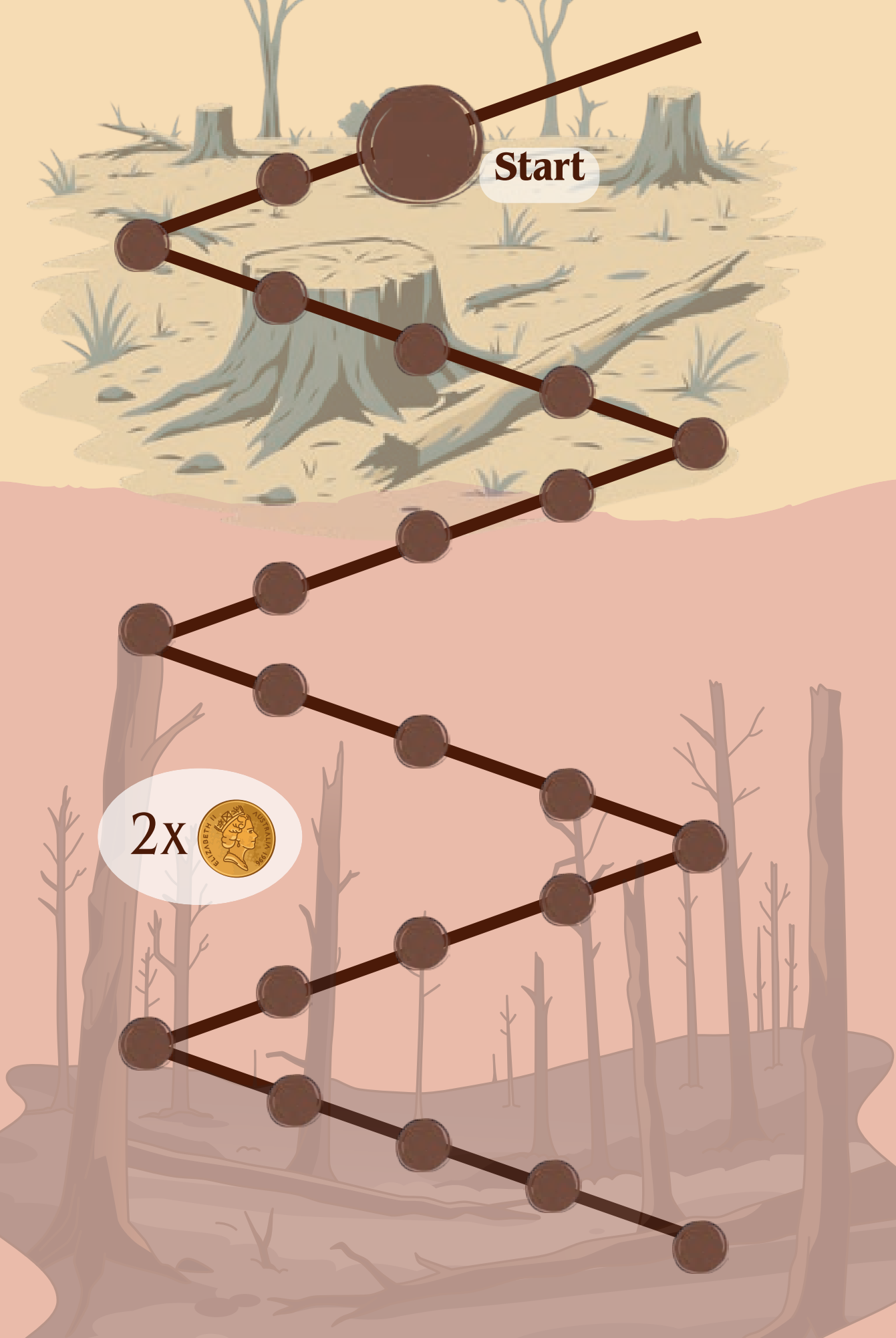
Forestation scale




0x
1x

Forestation scale




Start
2x

	Hand Cards	Challenge	Max. Cards	Reward
round 1	2	2+  2+ 	4	-1 
round 2	2	6+  8+ 	6	-1 
round 3	2	 =  min 3	6	-2 

	Hand Cards	Challenge	Max. Cards	Reward
round 1	2	2+  2+ 	4	-1
round 2	2	6+  8+ 	6	-1
round 3	2	 =  min 3	6	-2

round 4

3

3 or 5

10+

6

-3

round 5

4

12+

10+

12

-5

round 6

4

7+

7+

7+

12

-5

Hand Cards	Challenge	Max. Cards	Reward

	Hand Cards	Challenge	Max. Cards	Reward
round 4	3	3 or 5  10+ 	6	-3
round 5	4	12+  10+ 	12	-5
round 6	4	7+  7+  7+ 	12	-5

