

Category: Didactics

Project: Planetary Coin Collection instructions

PLANETARY COINS

INSTRUCTIONS



There are two ways to use your copy of Planetary Coins.

1. Unclip the magnetic clip, then open the front cover, and read the pages like a book.
- OR
2. Follow these instructions to view the contents as a diorama.

BEFORE YOU START
You will need a clean, empty surface, such as a table, bench or floor. (You'll need a large space - the solar system is big).

STEP 1
Place your copy of Planetary Coins **FACE DOWN** on the surface. (You will be looking at the back cover). Position it near the right corner of the space in front of you, so there's room to fully open it out to your left.

STEP 2
Rotate the book so the magnetic clip is facing away from you. (The barcode on the back cover will be bottom right, near you).

STEP 3
Unclip the magnet, leaving it lying flat on the surface. **You MUST always unclip the magnet before opening the cover to avoid tearing the pages.**

STEP 4
The book is divided up into 3 folded sections. (The first section is connected to the back cover). Grab the top 2 sections **ONLY**.

STEP 5
CAREFULLY lift the top 2 sections up so they stand at 90 degrees. **LEAVE** the third section lying on the surface to your right (this section has the front cover under it).

STEPS 6 AND 7
GENTLY unfold the top 2 sections towards your left. Each of these sections fold out to 2 pages. When you have finished there will be 5 black panels lying flat on the surface.

STEP 7
LEAVE the third section lying on the surface (this section has the front cover under it). **DON'T** try to unfold the third section - it isn't part of the diorama and you could damage it.

MORE STEPS OVERLEAF



use – see <https://youtu.be/k8U6Hrn4mm4>. I used my phone to take multiple images of my colleague John as he performed the micro-tasks required to safely set up the diorama. I redrew these in Illustrator, paring everything back to the highlighted essentials. I also changed John's attire, so he looked like a NASA astronaut.*

What was the effect?

This coin collection was a universal success – it sold out, with zero complaints about the book self-destructing.



What was the challenge?

The Royal Australian Mint develops several ranges of collector coins a year. The Planetary Coins Solar System Ten Coin Collection features the Sun and all the planets of the solar system including the dwarf planet Pluto. It came in a lavish pop-up book that folded out to a full diorama presentation. Unfortunately, simply opening the book the wrong way could rip the pages or crush the pop-ups.

What was the solution?

After several attempts to open the book without damaging it, we worked out it could only be done if the book was lying face down. We developed an instruction leaflet plus an animated version for online

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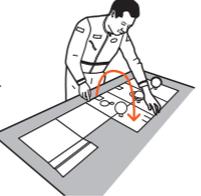


PLANETARY COINS

CONTINUED...



STEP 8
Grab the last panel. (You must open this panel first). Open it up and place it on the table. Neptune will pop up.



STEP 9
Grab the next 2 panels. Open them up and place them on the surface. Jupiter and Saturn will pop up.



STEP 10
Move up to the last 2 panels. Open them up and place them on the surface.



STEP 11
When you do this the Sun will spin, and the Earth will pop up.

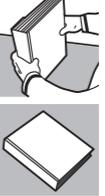


STEP 12
MANUALLY pop up the remaining planets - Mercury, Venus, Mars and Uranus - by pulling the tabs provided with your pointer finger.



STEP 13
Enjoy using the diorama to find out about our solar system and to admire your Planetary Coin collection.

HOW TO GO BACK TO THE BOOK FORMAT



Push the tabs back so the planets lie flat. (Or they'll be squashed). **CAREFULLY** fold the panels back, and then the 3 sections. Re-clip the magnet.



For further information on how to open your pop-up book please scan code above or visit: www.youtube.com/australianmint



END



*We commissioned Melbourne musician Nick Wilson to compose the electronic backing track for the animated version.