



Welcome to Cardz



Cardz is a PDF viewer designed for students, by students. We use advanced machine learning language models to generate flashcards on demand. Give it try!

Cardz | Combined_eBook

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AREA OF STUDY 1
HOW CAN KNOWLEDGE OF ELEMENTS EXPLAIN THE PROPERTIES OF MATTER?

1 Elements

1.1 Overview

Numerous **videos** and **interactivities** are available just where you need them, at the point of learning, in your digital formats, learnON and eBookPLUS at www.jacplus.com.au.

1.1.1 Introduction

Life is a mystery. Where did we come from? What are we made of? Scientists tell us that we are made of very small particles called atoms and that these atoms have their origin in stars. What a remarkable journey these atoms must have undertaken while being recycled over the billions of years since the origin of the universe. All matter is made up of atoms. Every material thing that you can see, smell and touch, that occupies space and has mass, is a form of matter.

Studying the structure and behaviour of matter — of which life, the Earth and the universe are composed — has been an ongoing human preoccupation. This topic introduces the fundamental structure and size of the building blocks of our universe and how we have, through

FIGURE 1.1 Everything in the universe that has mass is composed of atoms.

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Getting started

Open a PDF file by pressing the 'Open' icon. It's located in the top right of the viewer ↗.

Once open, you can use all the features of a normal PDF viewer. We build Cardz on PDF.js, which means it's just as capable as any other viewer for normal PDF functions.



The 'Open' icon

Features

Creating flashcards

Select some text (from 20 to 200 characters) and click the 'Create flashcard' icon, on the top right of the viewer ↗.

Cardz will use GPT-3 to generate a flashcard for you, with a front and back.

You may copy this text and paste it into the flashcard program of your choosing. However, Cardz has native **integrations** with various popular flashcard utilities.



The 'Create flashcard' icon

Integration with Anki

Anki is a powerful flashcard program that uses spaced repetition for more efficient learning. You may automatically sync your flashcards with an Anki deck.

Requirements

- You must have the desktop version of Cardz.
- You must have the desktop version of Anki.
- You must have the AnkiConnect add-on installed within Anki.
- Anki must be running in the background.
 - Note: You may see a firewall popup on some Windows PCs when you start Anki with AnkiConnect installed. AnkiConnect allows access to your decks over **the local network**, and is completely secure.

How-to

1. When you add a card, Cardz will detect that Anki is open and show you a new option, 'Add to Anki'.

2. Press this button and your card will be added to the deck you choose.
3. That's it!