

Exploring the Periodic Table

1. Columns and Rows

The periodic table is divided into three main sections: **metals**, **non-metals**, and **metalloids**. Elements are further organized into columns which are called **families**. Like all families, elements in the same family share similar physical and chemical properties.

The periodic table is also organized by horizontal rows or **periods**. These elements are not in the same family but there are patterns based on atomic size and reactivity.

In this activity you will work to find patterns or trends in the elements in the periodic table.

SUMMARY:

a) What is the name of the columns of the periodic table?

b) How are all the elements in the same column similar?

c) What is the name of the rows of the periodic table?

2) Solids, Liquids and Gases

Look at the periodic table at the back cover of the textbook. The Key identifies all the important information about atomic number, atomic mass, the chemical symbol, the state at room temperature and the ionic charge for each element.

a) Which colour print represents solids? _____

b) Which colour print represents liquids? _____

c) Which colour print represents gases? _____

d) Which elements are gases at room temperature? _____

e) Name two elements that are liquids at room temperature.

Answers Of Exploring The Periodic Table

Yi-Tong Ma



Answers Of Exploring The Periodic Table:

The Enigmatic Realm of **Answers Of Exploring The Periodic Table**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Answers Of Exploring The Periodic Table** a literary masterpiece penned by a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of people who partake in its reading experience.

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