



# The Perios Activity Learning Kit

## From Perios















## The Perios Activity Learning Kit

Thank you for your interest in Perios – The Elemental Quest. Perios is a concept game and exhibit series developed to teach children the basic building blocks of chemistry and have fun too. To do this, we have created interesting fictional characters called Perios, which are named for the elements in the Periodic Table. For example, Carbo, is named for Carbon. The characters have symbols, signs, traits, and powers that are similar to the elements they represent. The Perios belong to clans that match the vertical valence column "Group" of the Periodic Table. The clans live in different regions of the fictional Perioland.

The Perios team is now offering world class learning exhibits and activities for science centers, children's museums and schools. The Periodic Table of Elements is a difficult concept to introduce to young visitors while maintaining their interest. The Periosworld project offers a fun, entertaining, and creative presentation of fundamental concepts of chemistry.

Perios activities are designed to provide a positive enjoyable learning experience with children's initial introduction to the periodic table and the elements. By having fun and becoming comfortable with seeing the Perios and the periodic table, students may be less intimidated with chemistry lessons when they are introduced at a later grade level. Our goal is for all children to know the Periodic Table of Elements when they finish grade school.

The objectives of Perios learning activities are:

-  To introduce the periodic table of elements layout
-  To become familiar with the elements of the periodic table
-  To begin to learn the relationship between the elements and table groups (clans)
-  To like the periodic table and elements
-  To learn characteristics of the elements
  -  Element Name – Perio nickname and full name
  -  Element Symbol
  -  Element Group - Perio Clan
  -  Atomic Weight – Perio Atno
  -  Properties – Perio Powers



## The Perios Activity Learning Kit includes:

- 🌸 103 Perio Roundup Poster Cards (1/4 page laminated card stock)
- 📄 200 Perio Round Tally Sheets (plus master sheets)
- 🌱 300 Perios character stickers (more available upon request)

📖 Periodic Table of Perios Puzzle game

🎧 Perios CD containing the latest versions of the Perios games and story:

- 📄 Perios – The Elemental Quest Game
- 📄 PerioPop – A chemistry puzzle game
- 📄 Hydi Gets an X-Ray – The first animated Perios storybook
- 📄 Perio Roundup – The perio hunt collector app

(Includes .exe format for Windows PC and . format for Apple PC)  
Also available by download (zip) from the [www.periosworld.com](http://www.periosworld.com) store

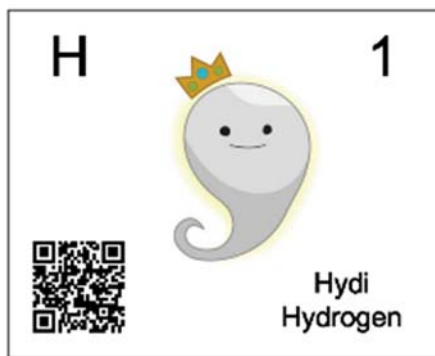
🌱 Plus 4 Perios Posters (24" x 36"):

- 🌱 Perios Roundup Poster
- 🌱 Periodic Table of Perios Poster
- 🌱 Perios Logo Poster
- 🌱 Periosworld Poster



# Perio Roundup – A chemistry scavenger hunt

1. Hide the mini-Perio posters throughout your facility.
2. Give the students a Perio tally sheet and watch them have fun.
3. Stickers are awarded for participants. More if they complete the levels.
4. Add additional rounds by asking them to find special perios or groups
  - a. Find Perios with certain names
  - b. Match the perio to their atno
  - c. Find all the perios from a certain clan



Mini-posters:



Tally sheets:

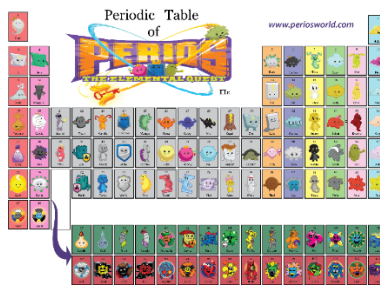


Perio Roundup app:

# Perios Posters 24" x 36"



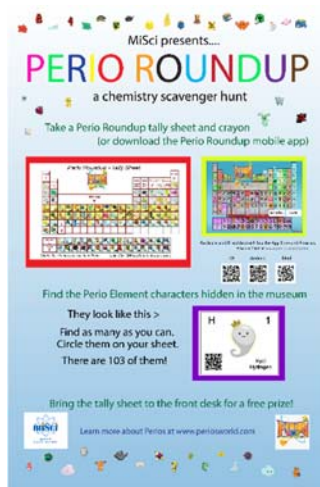
Logo:



Periodic Table:



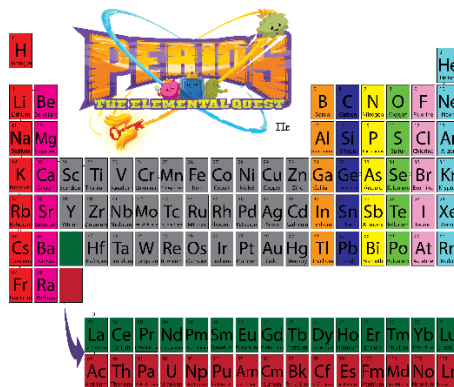
Periosworld:



Perio Roundup:

## Periodic Table of Perios puzzle

Place the perio cards on their positions using an 18" x 24" Laminated Periodic Table Poster. Includes 103 laminated Perio cards.



## Perios – The Elemental Quest video game

Gather the Perios and bring them home. Each level of the game matches a group of the periodic table. After each level the perios are shown in their periodic table location. Mini games between levels reinforce the identification of the Perios and their position. Grades K and up.

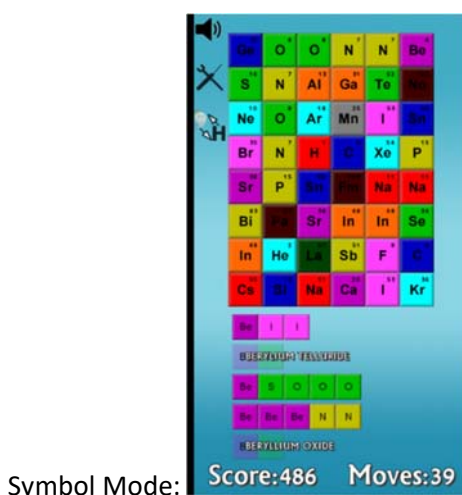
### Perios – The Elemental Quest Pop game screenshots



## PerioPop – A chemistry puzzle video game

Object: Align the Perio tiles with their clans and make the five required compounds in each level. Exceed the required points and move to the next level. Alternatively, switch to play the game in element symbol mode. Each level represents an element of the periodic table. Currently 54 levels. Grades 4 plus

### PerioPop game screen shots



## Hydi Gets an X-Ray

The first Perios animated learning storybook, Hydi Gets an X-Ray, follows Hydi as she travels through Perioland to visit her friend in the Vapor Mountains. First she passes over all the perios on her way. But she runs into trouble when she tries to fly over the Halogens. After her spill she gets an X-Ray and learns that she is made of one proton and one electron. Students have the option of listening to the story or reading it without sound.



[www.periosworld.com](http://www.periosworld.com)

A virtual place for all things Perio. The Periosworld website includes online games, information, learning center for perios and other interesting tidbits about Periosworld. Learn more at [www.periosworld.com](http://www.periosworld.com)

[www.periosworld.com](http://www.periosworld.com) screen segment



Please contact us at [info@periosworld.com](mailto:info@periosworld.com) or 315-724-2876 if are interested in discussing a Perios Learning Kit exhibit for your organization.

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