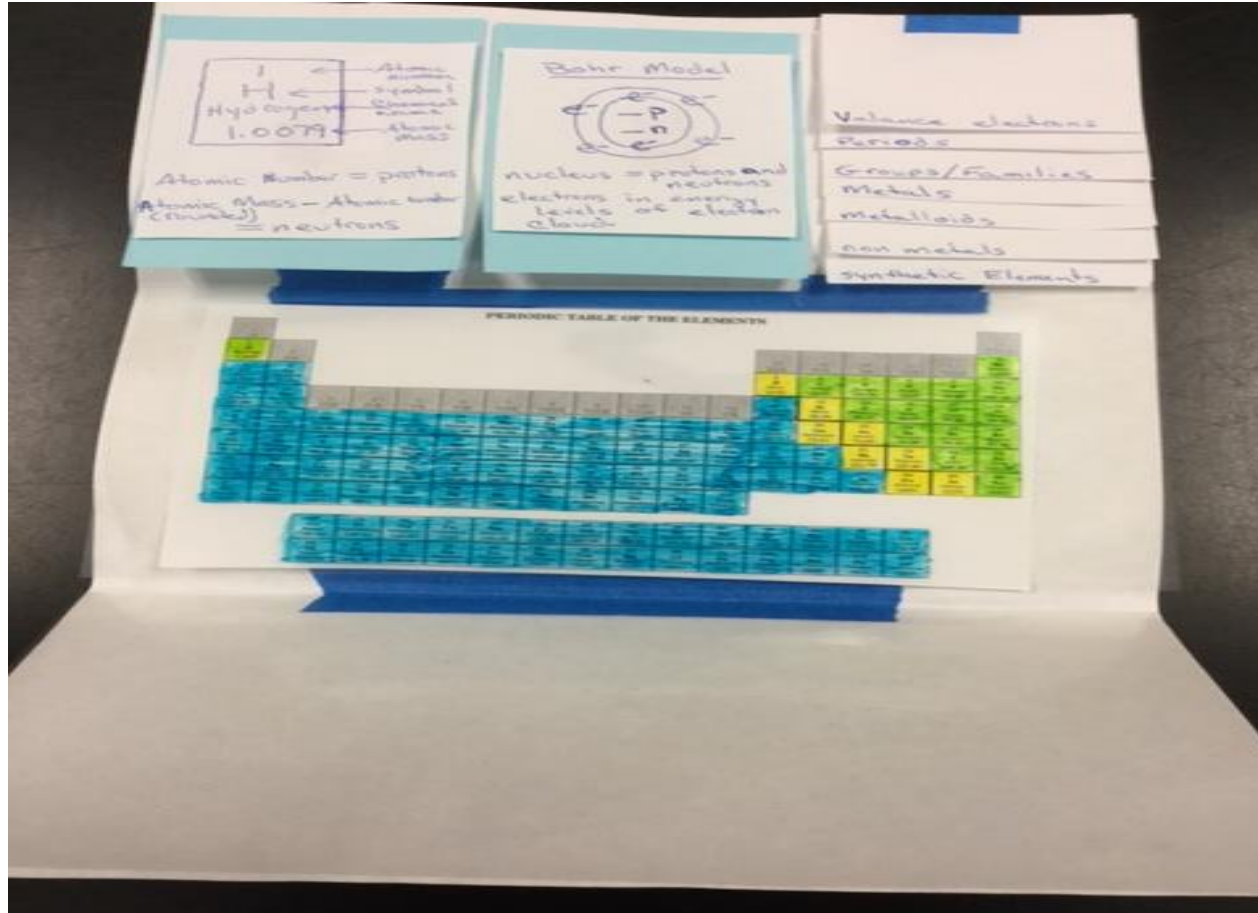


# Building the Book

# Book of ELEMENTS



# 8th Grade

## PT Buddy directions



1. Fold paper into thirds
2. Glue periodic Table into section 2
3. Use masking tape to tape the top of the overlay, over your Periodic Table.
4. Outline all metals in Blue  
outline all metalloids in Yellow  
outline all nonmetals in Green
5. Section 1: section off into 3 sections: Element Box, Bohr model & info cards.
6. Box 1: Periodic Table Key
7. Box 2: Bohr Diagram

1. Finish element cards
2. Start Periodic Table Buddy

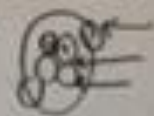
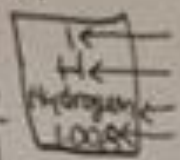
### 8. Info cards.

Use the pink paper, you will need to cut it into 8 pieces. Tape them into section 3



### 9. Label the sections as follows:

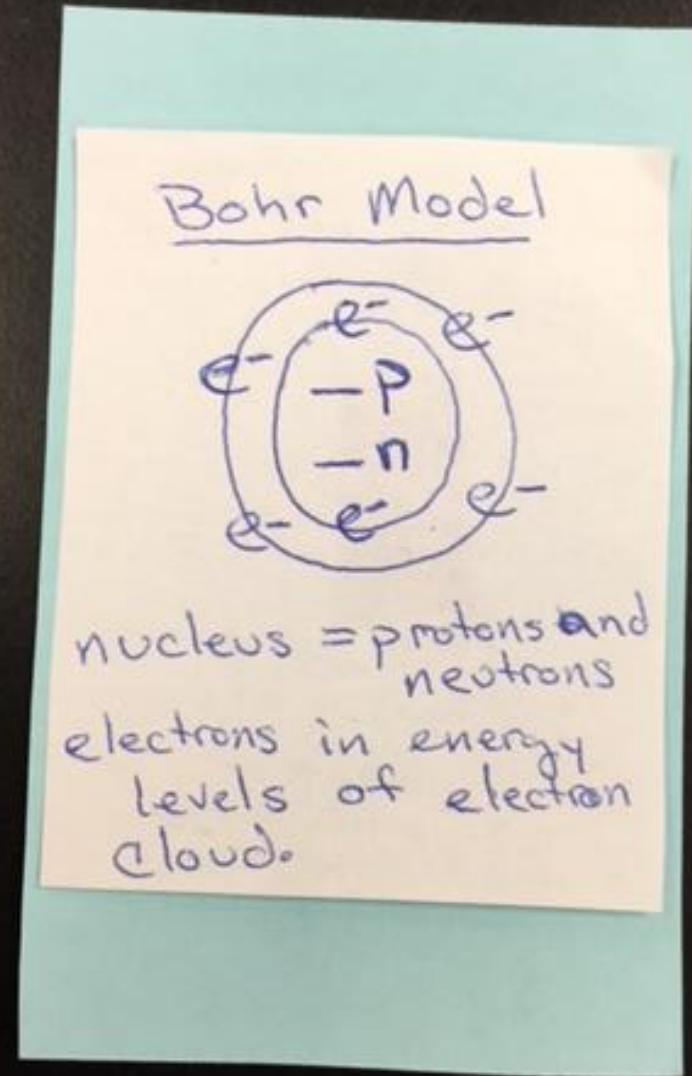
- Metals
- Metalloids
- Nonmetals
- Synthetic elements
- Periods
- Groups/Families
- Valence electrons



# Bohr Model Info

Drawing should show at least the 1<sup>st</sup> and 2<sup>nd</sup> energy level

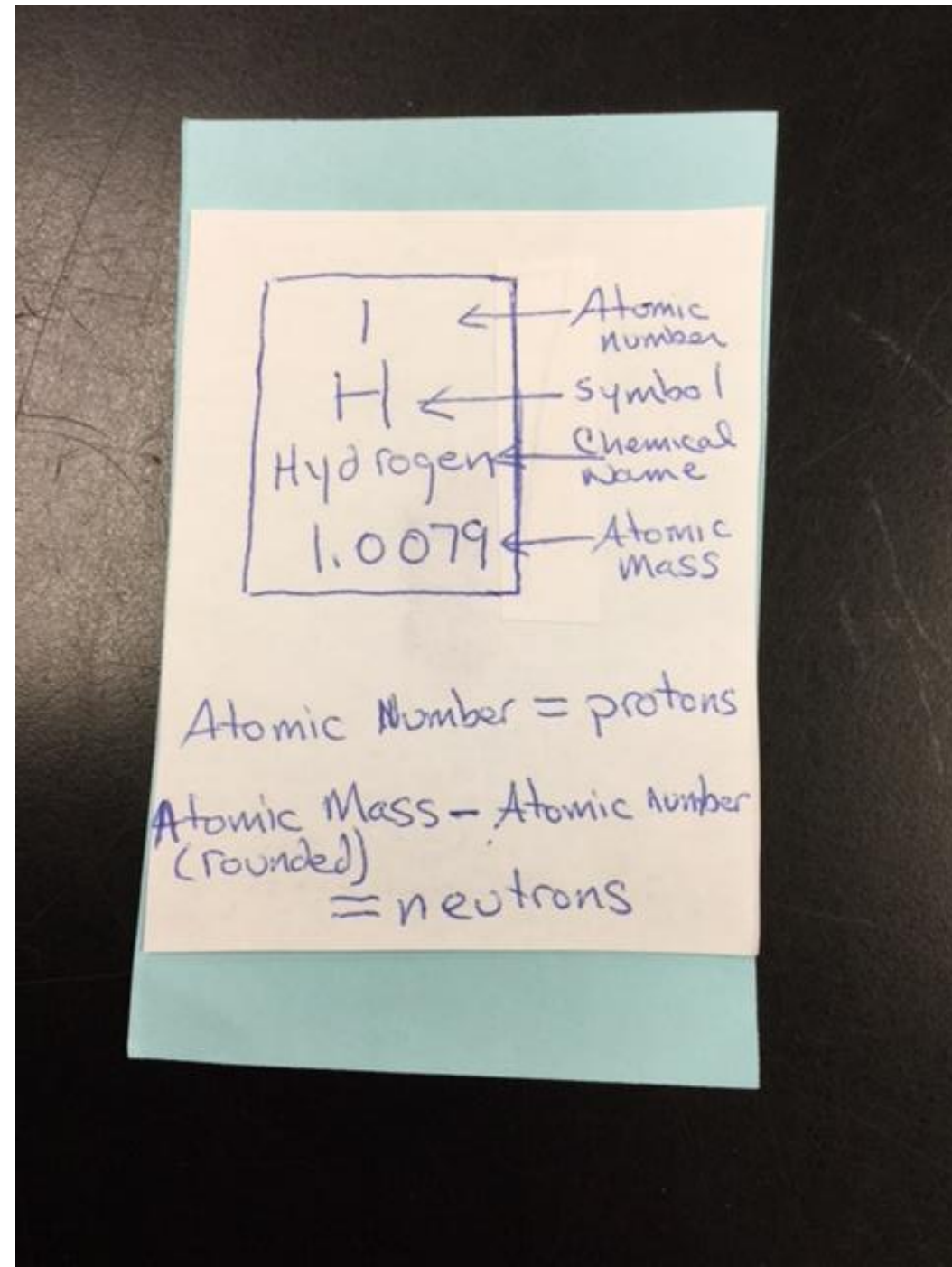
How to record the protons and neutrons



# Element Square Info

Atomic number, Name, Symbol and Atomic Mass

How to figure out/calculate protons, electrons and neutrons



# Periodic Essential Vocab

Valance electrons

Periods

Groups/Families

Metals

metalloids

non metals

synthetic Elements

TS

13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	18 VIIIA
					He 4.003

Trends on the table