

3A Class Presentation
Students A,B,C

A	What is your favorite subject?
B	My favorite subject is science, especially chemistry since it is interesting.
C	Me, too.
A	What have you learned in chemistry lessons?
B	Recently, our chemistry teacher has been teaching us about the periodic table (元素週期表). We are learning about different elements(元素).
A	Do you remember the first two elements in the periodic table?
C	Of course. They are hydrogen (氫) and helium (氦).
A	Then do you know how they are similar, and in what ways are they different?
B	Both hydrogen and helium are very light. They are lighter than air. So if you fill up a balloon with hydrogen or helium, the balloon can go up in the sky.
C	However, hydrogen is inflammable (易燃的). That means it can catch on fire very easily. It can even cause explosions (爆炸).
B	On the other hand, helium is less dangerous since it is more stable (穩定). Therefore, it is safer to use helium gas to fill up a birthday party balloon.
C	Yes, although using hydrogen to fill up party balloons may be less expensive, it is much more dangerous since hydrogen can burn and explode easily.
A	Now let's watch a video showing an experiment which explains why hydrogen balloons are more dangerous than helium balloons. But remember: please don't try this at home. It's very dangerous.

Youtube video: Hydrogen and Helium Balloon Experiment (about 1 minute 10 seconds)

<https://youtu.be/yMqYQKMmd3U>

A: Lastly, we'll read a poem about hydrogen and helium. I hope you'll find this poem interesting.

Hydrogen is screaming,
I'm number one!
I got fewer protons,
Than gas helium.
We're both really light,
We both float in air,
But I'm inflammable,
And easily catch on fire!



Don't give me more protons,

I like my light weight,
Atomic number is 1!
And 1 is really great!
Periodic table?
I sit in first place!

I'm not really stable,
But that's no disgrace.
I'm the first,
And 1 is really fine!