

Characters:

Narrator = Jeff

Markus = Sodium

kandice = Zinc

jade = Copper

pincas = Oxygen

daniel = chlorine

kyle = hydrogen

reagans = neon

Hannah = HCl

Issac wu = Sand

Jacky = water

Liam = potassium

Props: richie ricky chloe stella gloria karen karina

Elements x12

table salt

Bubbles

Fire

Background pictures & music:

Issac Chan + Matthew + Godfrey

Act 1: Meet the Characters

(Students enter with name tags enter one by one.)

Sodium (Na):

(Enters energetically) : "Hi, I'm Sodium! A lot of me can be found in salt"

Zinc (Zn):

(Enters chilly) : "I'm Zinc. I'm cool and helpful. I can be found in the battery!"

Copper (Cu):

"I'm Copper. I use to make coins."

Na + K + Zn + Cu: We are all metals!

Oxygen (O₂):

(Enters) : "I'm Oxygen! I'm super important for life and love to make friends with Hydrogen!"

Chlorine (Cl₂):

(Enters) : "I'm Chlorine! I used to make bleach!"

Hydrogen (H₂):

(Enters) : "I'm Hydrogen! I'm light and explosive!"

Neon (Ne):

(Enters casually.) : "I'm Neon. I'm soo lazy and I don't really like to react with anyone! Don't force us to meet people!"

Narrator: Apart from them, we still have some common laboratory reagents

Hydrochloric Acid (HCl):

(Enters) : "I'm Hydrochloric Acid! I react with metals like Zinc and I'm very acidic."

Narrator: In a laboratory, it is also important to have safety precautions! That's why our VIP is...

Sand (SiO₂):

(Enters maturely) : "I'm here to stop things from getting too wil, and you can find me in the beach! Guess what am I? (pause) Bingo! I am sand!"

Narrator: "Here comes my favourite part! (evil laughs) I love mixing things together!!

Let's have sodium and chlorine combined, let's see what will happen!" (wait for 2-3 secs)

"Umm... probably we need something to help..." (heat comes out) "Let's have heat to help the reactions happen faster!"

(Heat combines sodium and chlorine together)

Narrator: (with table salt): this is sodium chloride. Let's see what combination we can have!

(Zinc walks up to Hydrochloric Acid.)

Zinc:

"Let's work together!"

Hydrochloric Acid:

"Sure! Let's make some bubbles together."

(They shake hands, and bubbles appear.) +

Narrator : "Ahh, when Zinc reacts with Hydrochloric Acid, bubbles release!"

Narrator : "If we put hydrogen and oxygen together, we will have something people drink every day ..." (Water pops up) "Water! It's definitely essential for life!"

Water: "Absolutely! Everyone needs us!"

Potassium:

"Hey, Water! Watch what happens when I jump in!"

(Potassium jumps, and there's a loud Bom.)

Water (panicking):

"Help!"

Sand (calmly):

"Don't worry. I'll stop this."

(Sand gently sprinkles over Potassium and stops the reaction)

Narrator: "Potassium reacts quickly and loudly with water, releasing gas and heat. Sand helps stop the reaction safely."

Narrator : "Chemistry is full of reactions! Some elements like to react, while others like to relax. Together, they make the world an amazing place! Do you know any more reactions? Come to the laboratory and share your ideas with us!"