Balancing Equations Onl Go to the Matter & Atoms pa		Namettp://sciencespot.net/ to find the links on this page.
SITE #1: Chemical Equations		
1. What three things does a balance	d equation show you?	
1. The	which enter into a reaction.	
2. The	which are formed by the reaction.	
3. The amounts of each sub	ostance and	d each produced.
2. What two things must we remem	ber when balancing equat	tions?
1. Every chemical compoun	nd has a	which cannot be
2. A chemical	must account for e	very that is used, which is an
application of the Law of _		_ of
3. What does the → mean?		
4. What does the ←→ mean?		
5. Write a <u>balanced chemical equation</u>	•	pe of reaction.
		· · · · · · · · · · · · · · · · · · ·
Double-Replacement (Ionic	:)	
SITE #2: Classic ChemBalance	e <b>r</b> - You will need to go	back to the Matter & Atoms page of the Kid Zone
(1) Click the button for "Direction	ons" and <b>read carefully</b> . Cl	lick the "OK" button and return to the game screen.
(2) Click "Start Game" button to	give it a try!	
(3) Start by adding a "1" in each	box and compare the numb	per of atoms of each element you have on each side.
(4) Change coefficients to balance	ee each equation and click t	the "Balanced" button to check it. Correct it if it's wrong.
(5) Use the <u>information in the po</u> clicking the OK button.	p-up windows to answer ea	ach question and then write the balanced equation before
#1		#2
What does "farmin" man?		What is UC!?
What does "ferrum" mean? What color is sulfur?		What is HCl? Where is it found in your body?

More on back ...

#3	#4
	What was the Hindenberg?
	What gas was used in it?
What are pyrotechnics?	What gas is used today?
#5	#6
#3	#0
What does the symbol "Hg" represent? Why should you never touch it?	What are is made and when relains metal is
why should you hever touch it:	What gas is produced when calcium metal is dropped in water?
	dropped in water.
#7	#8
	What is H.O.?
What is CH <sub>4</sub> ? What gases is it	What is H <sub>2</sub> O <sub>2</sub> ? What is it used for?
What is CH <sub>4</sub> ? What gases is it related to? &	
#9	#10
	How is the oxidation of aluminum different from
What is ammonia used for today?	that of iron?
&	
#11	
"11	
What gas is released when potassium permanganate	
is decomposed?	

Done? You may visit any of the sites listed on the Matter & Atoms page of the Kid Zone!