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A Momentous Encounter
(3:51)



Lavoisier's Better Half
(4:13)



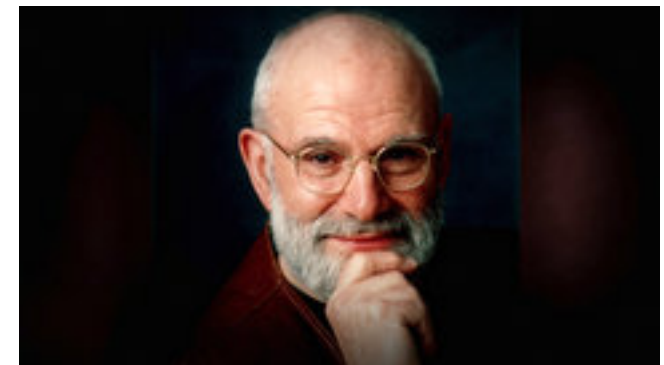
Antoine Lavoisier: American Ally
(4:20)



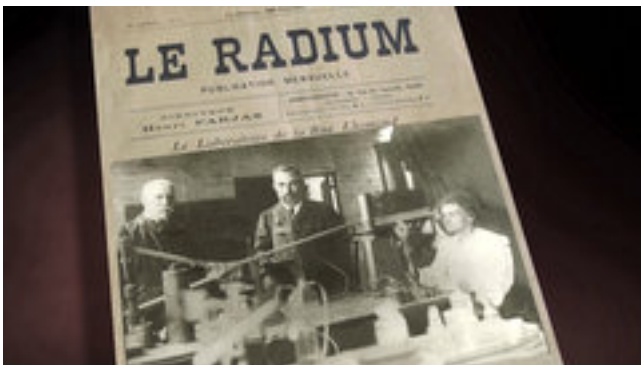
Davy's Greatest Invention
(10:43)



Davy's Greatest Failure
(4:55)



A Few Minutes with Oliver Sacks
(10:43)



The Element Mendeleev Never Accepted
(4:50)

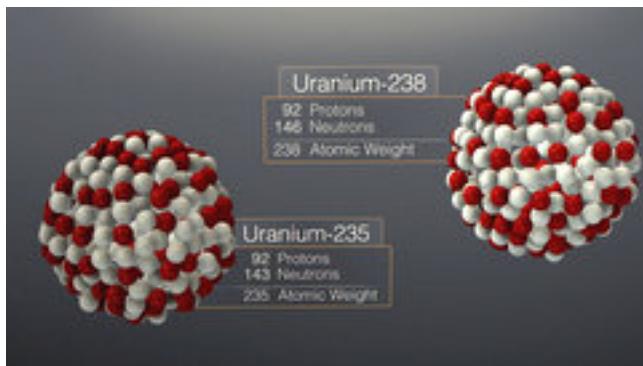


The Radium Craze
(5:34)

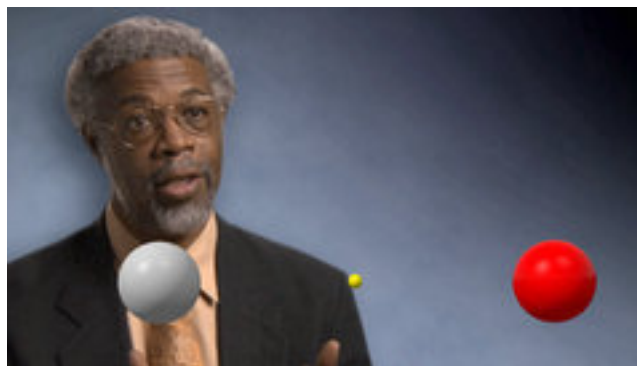


Changing the Role of Scientists in War
(5:14)

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A Chemist Goes to War (15:30)



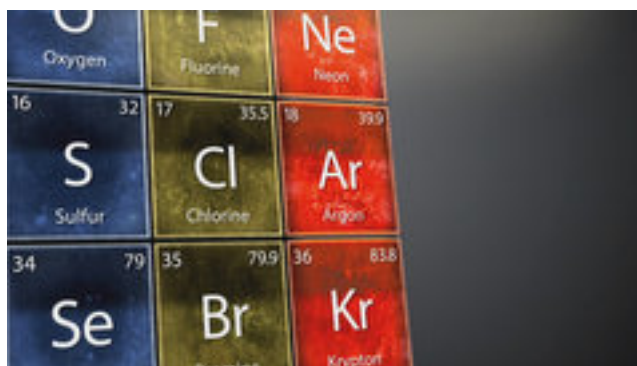
Mysteries of the Periodic Table, Part 1: A Reflection of the Atom (6:54)



Mysteries of the Periodic Table, Part 2: The Rare Earths (8:34)



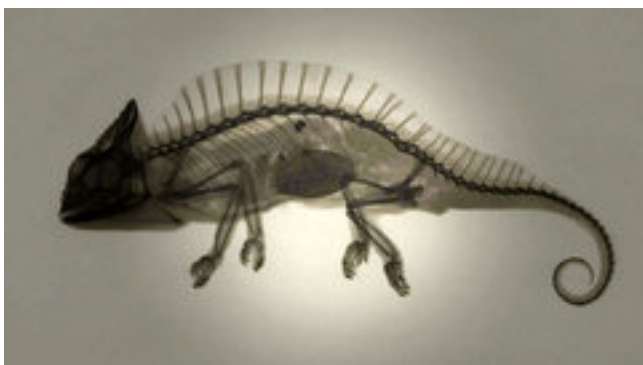
Mysteries of the Periodic Table, Part 3: Beyond Uranium (27:06)



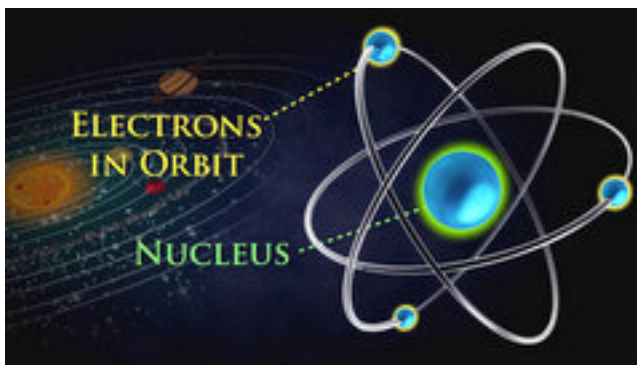
Mysteries of the Periodic Table, Part 4: The Noble Gases (9:14)



Mysteries of the Periodic Table, Part 5: Isotopes (11:12)



Into the Atom, Part 1: Atoms Have Parts (18:46)



Into the Atom, Part 2: The Atom's First Pieces (10:44)

ATOMIC NUMBER	ELEMENT	PROTONS	MISSING MASS	ATOMIC WEIGHT
1	HYDROGEN	•		1
2	HELIUM	••	??	4
3	LITHIUM	•••	????	7
4	BERYLLIUM	••••	?????	9
5	BORON	•••••	??????	11
6	CARBON	••••••	???????	12
7	NITROGEN	•••••••	????????	14

Into the Atom, Part 3: Numbering the Elements (17:06)

Click on any image to view the associated video.



Into the Atom, Part 4:
The Atom Splits (10:18)



The Discovery of Air
(4:54)



Nature's Restorative
(5:27)



The New Language of Chemistry
(5:46)



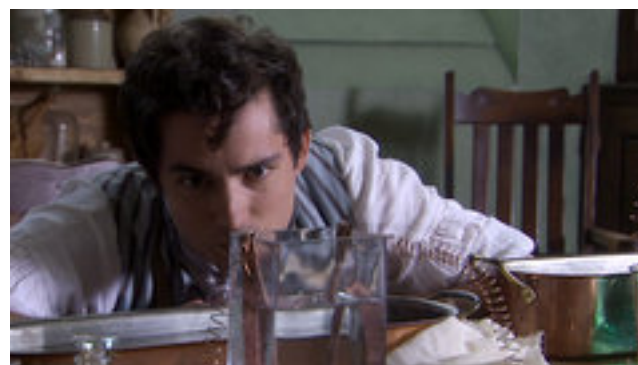
The Conservation of Matter
(15:25)



Who Discovered Oxygen?
(12:38)



What is an Element?
(17:37)



Electricity and Matter
(18:32)

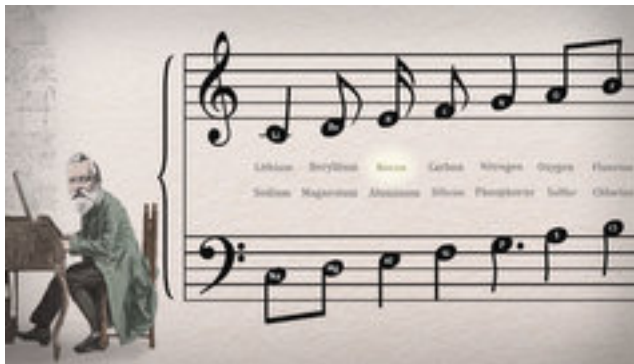


The Legend of Mendeleev's Dream
(4:02)

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Chemical Solitaire
(4:45)



Other Discoverers of the Periodic Table
(9:41)



A Woman in a Man's World
(12:06)



Moseley's Brilliant Experiment
(11:59)



A Tale of Two Half-Lives
(4:16)