Basic facts about plasma ball

What is a plasma ball?

A plasma ball (also sometimes called a plasma globe, lamp, dome, or sphere) is a clear glass ball filled with a mixture of noble gases with a high-voltage electrode at its center. Plasma filaments extend from the electrode to the glass when electricity is supplied, creating fascinating beams of colored light.

Who has invested the plasma ball?

The plasma ball was invented by Nikola Tesla when he was experimenting with high-frequency electric currents in a glass vacuum tube. That’s why the electrode at the center of a plasma ball is also often known as a Tesla coil. The modern plasma balls popular as novelty and educational items today were first designed by Bill Parker.

William P. (Bill) Parker is an artist, scientist, and entrepreneur, best known for inventing the modern design of the plasma lamp. The invention occurred in 1971, when Parker was working as a student in a physics laboratory at the Massachusetts Institute of Technology and accidentally filled a test chamber to a greater-than-usual pressure with ionized neon and argon. (Wikipedia)
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Games and activities to download

Plasma Ball, Sound Activated 8" lightning globe (£25.00)
Basic facts about plasma ball

Jojo Science class

Jojo is in the classroom to explain what is a plasma ball. After watching the video, what is the most interesting thing you have learned?

10 best tricks you can do with a plasma ball
Virtual plasma ball with Scratch™

Let’s use scratch to make your very own plasma ball

This is suitable for 5+

https://scratch.mit.edu/projects/2193676/
Superheroes

Do you know the names of the great superheroes who can manipulate plasma?

http://powerlisting.wikia.com/wiki/Plasma_Manipulation

http://powerlisting.wikia.com/wiki/Plasma_Attacks
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Draw your own plasma ball superhero

Take a picture and email to Nrenevier@uclan.ac.uk