

Hydrogen fuel cell as s second source. This cell depends on hydrogen.

the waste to increase density to converted into methane biogas to generate electricity .We also use Hydrogen fuel cell as Figure 2 secondary source. This cell depends on the Hydrogen

soundness

Water drop takes up dirt particles

Dirt particles

COLUMN COP

Nano technology

NANO SILICA WITH BLENDED CEMENT (NS) The properties of blended cement with nano-SiO2 (NS). As result of making many reaction they indicated that setting times increased with the increase in percentage of nano-SiO2 in cement blended with silica fume. A combination of 6% SF + 3% NS was given the best performance in compressive strength cement. NANO-GLASS

Nano-glass is a product of nanotechnology With important properties like:-*Water repellency, Self-cleaning long against the impact of water and soil and Protection against ultraviolet rays.

Also, we will use CARBON NANO TUBE WIRES and little amount of copper to transport electricity more than traditional copper In addition to That improving the efficiency and reducing the cost of fuel cells. s. These catalysts produce, hydrogen ions from fuel such as methanol. Nanotechnology is also being used to improve the efficiency of membranes used in fuel cells to separate hydrogen ions from other gases, such as oxygen.

Learning outcomes

SOCIAL STUDIES Gives us information about *Marmarica* plateau **MATH** Calculate the area of our house, using the scale to build Our prototype and drawing experiments graphs. **PHYSICS** measurement errors and how to correct them, and

drawing experiments graphs.

GEOLOGY Choosing the material that we will build our real house with

CHEMISTRY Information about hydrogen fuel cell, and nano technology

TECHNOLOGY Learning about sketch up, floor planner ,and sweet

LITERATURE CITED Figure 28		
URL:	Article Title:	Website Title:
http://www.sepuplhs.org/hi gh/hydrogen/fuelcell_sim.h tml	SEPUP Fuel Cell Simulation	SEPUP Fuel Cell Simulation
http://www.ecomena.org/e gypt-water/	Egypt's Water Crisis - Recipe for Disaster	EcoMENA
http://www.rammedearth.i nfo/rammed-earth- benefits.htm#Benefits	Benefits of Rammed Earth Construction	by Clifton Schooley

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