

Video Questions for NanoDays

Video 1 – Harnessing the Nanoscale

How big is a nanometer?

- One millionth of a meter
- One billionth of a meter
- One one-thousandth of a meter
- One trillionth of a meter

Video 2 – A Powerful Solution

What are nano sized crystals called?

- Quantum dots
- Water
- Backpack
- Microwave

Video 3 – Nanoelectronics

Many products have been influenced by nanotechnology. Check the option that is NOT correct.

- Computers
- TV's
- Horses
- Cell Phones

Video 4 – Nanotech at the Surface

What does a hydrophobic surface mean?

- Mix with or dissolve in water
- Repels water
- Spreads out water drops
- Examples are sugar or salt

Video 5 – Breaking the Rules

Some nano metamaterials can have unique properties. Check the option that is NOT correct.

- Materials are heavy
- Nano architecture creates strength
- Lightweight - 99% air
- Used to bend light and camouflage

Video 6 – Nano Enabled Sensors and Nanoparticles

How will new nano discoveries possibly impact cancer therapy in the future?

- Motorized sensors released in a person to detect cancer cells
- Nano sized sensors 50,000 times smaller than one grain of sand
- Nanoparticles will target only cancer and not damage healthy cells
- Detection and treatment of cancer will be more painful