Young Explorer March 2009

Futuristic Technology

A COLLECTION OF TOP OF THE RANGE TECHNOLOGICALLY ADVANCED PRODUCTS PROVIDING VISUAL AND ACOUSTIC EXCELLENCE

iPod Charger
Charge anywhere, anytime to add hours of play time to your iPod or iPod nano. It features an exclusive Algorchip technology to regulate the flow of energy and safeguard your music player. Portable design fits easily in a pocket that allows you to enjoy your favorite tunes without interruption. So don’t get caught without your tunes!

VistaPix Binoculars
See, aim, store! Celestron’s VistaPix Binoculars with built-in digital camera are truly memory-making. This first-of-its-kind binocular allows you to see and click as well as store pictures which can later be zoomed, edited, etc. So set your sight, focus the binocular, and then press the button: the image is automatically stored in the digital camera’s memory. There is no doubt you’ll find endless uses for this two-in-one helpmate.

Handheld Microscope
Details, details, details! Orion’s Micro-Xplore PC200 Digital Handheld Microscope provides a complete detail about the subject and its countless usage at work, in the classroom and at home is unbelievable. Scientists, doctors, engineers, students etc. will find the rewards of their work magnified by this compact microscope. It is small enough to be put away in a bag, but powerful enough to turn minute details into something majestic!

NightSky Telescope
Take this oversized scope anywhere! It sets up quickly for easy portability, while features like focus tension knob and lock design give complete control over focus. It also comes with a built-in primary mirror cooling fan and steel roller bearings for smooth movements. Grand in scale yet easy to transport, this deluxe telescope gets you closer to the night sky than ever before.

Solar Backpack
Charge it up and you’re ready to go. This solar charging backpack will power an iPod for three hours or a cell phone for one and a half hours. Light enough for biking and hiking, and sturdy enough to handle the elements; it comes with plenty of mesh pockets for all of your on-the-go essentials. Harness the sun’s energy and the technology you love is yours, wherever you may wander.

Know Your Facts

□ While the Georgian calendar states that March is the third month of the year, according to the early Roman calendar, it was the first month and was called Martius. The ancient Romans later made January 1 the beginning of the year, and March became the third month on the calendar. March has always had 31 days. Its name honors Mars, the Roman God of war.

□ In Hindu mythology, the month of March is known as Chaitra. The month is also associated with the coming of Spring, since Holi, the spring festival of colour, is celebrated on the eve of Chaitra. The Maharashtrian New Year or Gudi Padwa and Ugadi, the New Year celebrated in Karnataka and Andhra Pradesh, are the other festivals during the month.

□ There are many superstitions about March. We often hear that ‘March comes in like a lion and goes out like a lamb.’ This means that the first day of March is often stormy, and the last day is mild and warm.

□ Bloodstone and aquamarine are the birthstones for March.

□ The wild Daffodil or Narcissus is the flower of March.

□ March 15, is known as the ‘Ides of March’, in the Roman calendar. It was the date when Julius Caesar was murdered in 44 BC. So comes the saying, ‘Beware the Ides of March’.

□ March is celebrated as National noodle month. As legend has it, noodles were first made by 13th century German bakers who fashioned dough into symbolic shapes, such as words, birds and stars. These ‘nudels’ were then baked and served as bread.

□ The United Nations has pronounced March 8, as International Women’s Day, while March 20, is celebrated as International Earth Day. Christian churches celebrate the Feast of Annunciation on March 25. On this day, nine months before Christmas, the Archangel Gabriel came to Mary of Nazareth and told her she was to bear the Son of God, Jesus Christ.

Science Teaser

Nisha’s mother was packing her lunch box. She tried to put an apple in it. But the fruit was big. So she cut it into two halves and placed it inside. At lunch time, when Nisha opened the box she found that the apple had turned brown in colour. She thought, “Now I know why mummy says that apples contain iron.” How did Nisha come to that conclusion?

Solution

Nisha conclude that apples contain iron. How did Nisha come to this conclusion?

According to Nisha’s conclusion, the apple was cut open. So the pulp inside was exposed to air. It had turned brown. Obviously some ingredient in the apple pulp had undergone a chemical reaction with constituents of air. Oxygen which is a major component of air reacts easily with substances and forms oxides. The brown colour of the apple was due to iron oxide. It was thus easy for Nisha to conclude that the apple contains iron.