

# Solar System Activity Bag

## Space Spinoff Products

### Invisible Braces



Invisible braces for teeth are custom-made, clear, plastic dental aligners similar to mouth guards used in athletics. These braces are removable and are replaced every two weeks. They are almost invisible. While wearing them, patients can eat and drink whatever they want.

### Temper Foam



“Slow spring back foam” matches the pressure against it and slowly returns to its original form when pressure is removed. It is a silicone plastic with “open” cells (not closed bubbles). It returns to full size after being compressed. It makes comfortable pillows, mattresses, and surfaces on automobiles and motorcycles.

### Better Radial Tires



Tires are expensive and it's important for them to last and be as safe as possible. Goodyear Tire Company now sells a radial tire with treads that last 10,000 miles more than conventional radials. To do that, Goodyear now makes some of its radial tires out of a material that is stronger than steel.

### Golf Clubs With More Control



A new kind of metal insert in golf club faces gives golfers more control of some shots. At the moment of impact with the ball, the new metal instantly changes shape, then bounces back. This keeps the ball on the clubface slightly longer, so that the ball spins harder. When it lands, it digs in and stops more quickly.

### Infrared Thermometers



Once, nurses took your temperature with a glass thermometer under your tongue. It was slow waiting until the reading stopped changing, shaking the thermometer, and sterilizing it. Today, a nurse points a device into your ear or onto your forehead to take your temperature. It quickly measures thermal radiation from your eardrum without touching you.