DEC 1



WHY
does the North Star stay in one place?

The North Star sits almost right above the top of the Earth. As the Earth spins, the other stars seem to circle around it, but the North Star hardly moves. That is why travelers used it to find north.

DEC 2



WHY
do snowballs stick together?

Snow that is close to melting has a thin wet layer on its ice crystals. When you squeeze it, the wet crystals stick and freeze together. Very cold, powdery snow is too dry, so it falls apart.

DEC 3



WHY
are poinsettias red?

The big red parts of a poinsettia are not petals. They are special leaves that turn red when the nights get long in winter. The real flowers are the tiny yellow buds in the middle. Poinsettias first came from Mexico.

DEC 4



WHY
do Christmas trees smell so good?

Pine and fir needles are full of natural oils. Some of these oils float into the air, and that is the fresh smell we notice. When you rub a needle between your fingers, the smell gets even stronger.