

Psalms & Science

Chemical Reactions

Experiment:

1. Put dirty 1p or 2p coins in a bowl and cover with salt
2. Pour over a little white vinegar.
3. Rub the salt and vinegar over the coins.
4. Take out the coins and wash with water.
5. Polish to a shine with a cloth.

What's happening?

Your pennies get dirty because the copper they are made from reacts with oxygen in the air and forms copper oxide. When you clean your pennies in a vinegar and salt mix, there is a chemical reaction. The vinegar is an acid and removes the copper oxide.

Reflection

What dulls you 'sparkle'?
How can you get things back?

We need God to renew us and make us clean. The Bible says that when we are not with God we are like a lost coin!

Psalm 51:10-12

¹⁰ Create in me a pure heart, O God,
and renew a steadfast spirit within me.

¹¹ Do not cast me from your presence
or take your Holy Spirit from me.

¹² Restore to me the joy of your salvation
and grant me a willing spirit, to sustain me.