

## Hardness of Matter

### Note-taking Guide - Answer Key

---

*chalk, candle, physical, penny, nail, harder, scratching*

---

The spoon can make a dent in the playdough, but the playdough cannot make a dent in the spoon. The spoon is harder than the playdough.

Hardness is a physical property of matter.

One way to observe this property is by scratching one object with another.

The chalk does not scratch the nail, but the nail scratches the chalk. This means the nail is harder than the chalk.

Here is a penny and a candle.

The penny can easily scratch the candle, but the candle does not scratch the penny. This shows the penny is harder than the candle.