

MUSTERKIDS®

Mobile Phone Recycling

Use the MobileMuster Resource Recovery Calculator to work out the following calculations.

Resources Recovered

How much plastic is recovered for every 1000kg mobiles recycled?

How much gold is recovered for every 1000kg mobiles recycled?

How much silver is recovered for every 1000kg mobiles recycled?

How much copper is recovered for every 1000kg mobiles recycled?

Brain Teaser

If a phone, including its battery and charger weighs 170g, how many phones with a battery and charger will you have in 1000kg?

Questions

Why is it important to recover resources from old mobile phones?

New Products

How many fence posts are made for every 1000kg mobiles recycled?

How many aluminium cans are made for every 1000kg mobiles recycled?

Environmental Benefits

How many less cars on the road can we save by recycling 1000kg of mobiles?

How much CO2 emissions can we save by recycling 1000kg of mobiles?

How many new trees can be planted by recycling 1000kg of mobiles?

How many tonnes of precious metals don't have to be mined by recycling 1000kg of mobiles?

Discussion

What would happen if mobile phones were not recycled? Where would the materials come from? Discuss your answers with the class.

For more information on MobileMuster or to send us your work please go to www.mobilemuster.com.au/schools