STEEL CAN RECYCLING:

Recycling process-

Steel cans

- Steel cans are put into the furnace where molten iron is added.
- Oxygen is then blasted into the furnace which heats up to around 1700°C.
- The liquid metal is poured into a mould to form big slabs which are then rolled into coils.
- These coils are used to make all sorts of steel products such as bikes, cars, bridges, paperclips or even new food and drink cans.

Steel is made from one of the earth's most common natural resources, iron ore, as well as limestone and coal. Mining for these raw materials and the production process involved in making steel have an environmental impact. Not only does the process require large amounts of energy but raw materials are wasted when mining, and the production process also produces waste and emissions.

Steel can be recycled time and time again without loss of quality, so by simply recycling our steel we can:

- conserve non-renewable fossil fuels
- reduce the consumption of energy
- reduce the amount of raw materials being wasted
- reduce the emission of gasses like carbon dioxide into the atmosphere.

….Steel can be infinitely recycled and because it is such a widely used material, the ranges of possible uses for it are endless.

https://www.recyclenow.com/recycling-knowledge/how-is-it-recycled/cans