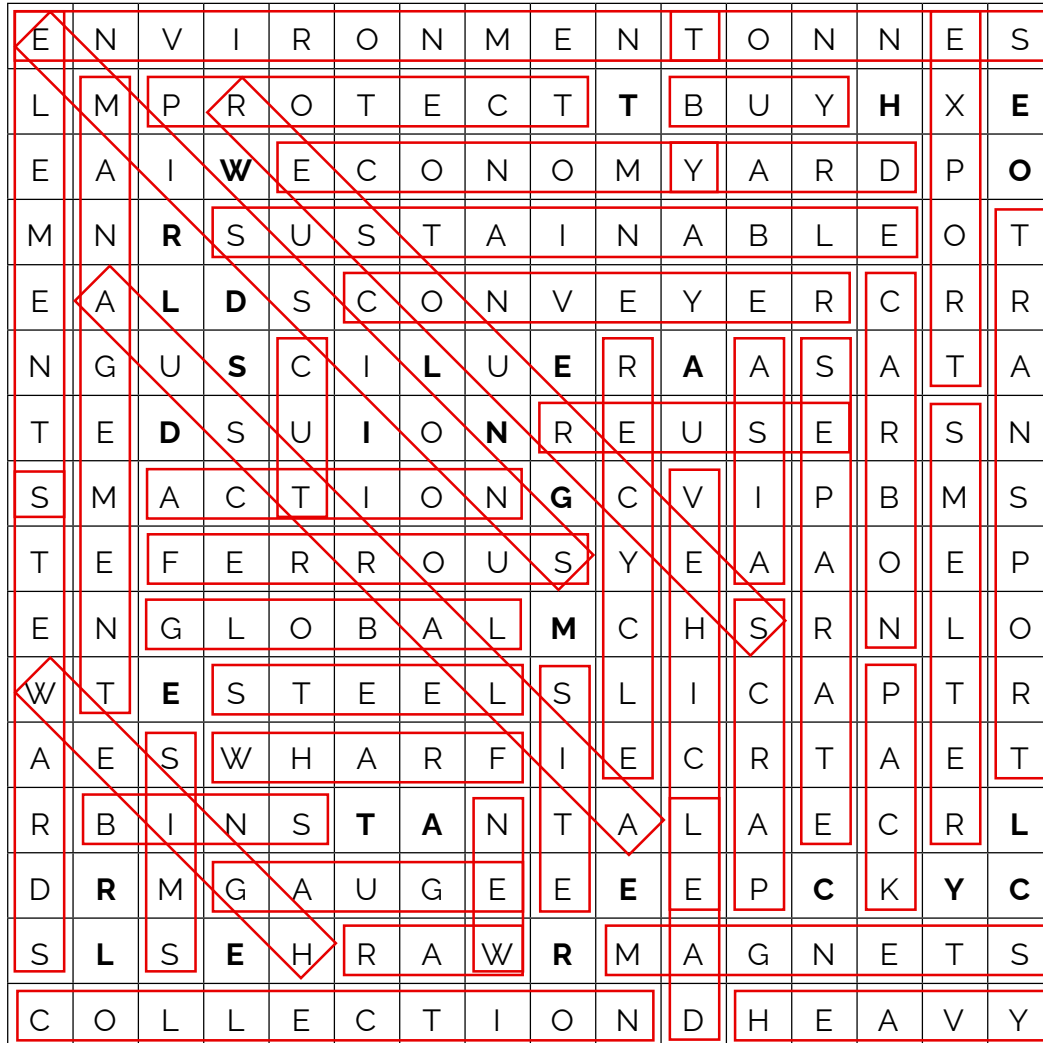




## Hidden message wordsearch – solutions



**Message:** The world's leading metal recycler



## Sims Metal crossword – solutions

### ACROSS

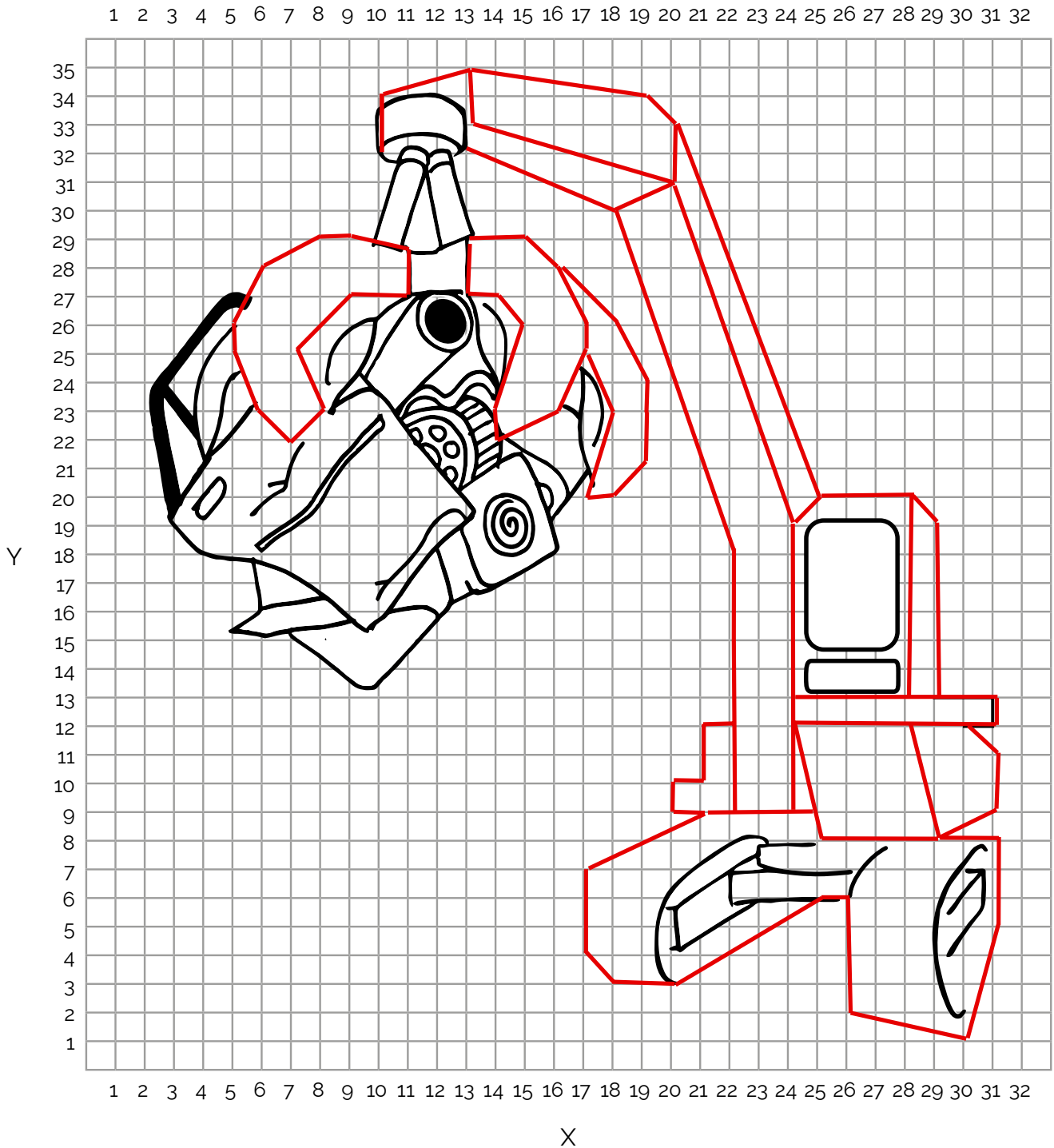
1. **ALBERT** Sims started Sims Metal.
5. **FERROUS** materials are those that contain iron and are therefore magnetic.
8. At the weighbridge the operator confirms what type of **MATERIAL** is being carried before it is weighed.
9. For every tonne of computers recycled, carbon **EMISSIONS** are reduced by about 4 tonnes.
11. Strong **MAGNETS** are used to separate the ferrous materials from the non-ferrous materials.
13. Sims **METAL** has been around for 100 years.
15. Recycled **PRODUCTS** are those that go back into the manufacturing process again to make new products.
16. Non-ferrous materials such as copper, **LEAD**, stainless steel and brass are not magnetic.
17. The materials that Sims Metal recycle come from manufacturers, **ELECTRICITY** generation companies, telecommunications companies and more.
18. Sims Metal **EMPLOYS** about 4,500 people around the world.
19. Sims Metal recovers and recycles products so they can be **REUSED**.

### DOWN

1. When one tonne of **ALUMINIUM** is recycled, carbon emissions are reduced by about 4 tonnes.
2. Sims Metal operates in Australia and around the **WORLD**.
3. For every tonne of **STEEL** recycled, carbon emissions are reduced by 2.1 tonnes.
4. In Australia, Sims Metal has recycled more than 1 million **CARS**.
6. Sims Metal is at the centre of the 'circular' **ECONOMY**.
7. When a load of material arrives at Sims Metal it is checked to make sure it is **SAFE**.
10. In the pad **INSPECTION** area an inspector confirms the contents of the load.
12. **SMM** has 250 facilities in 20 countries. (Hint: this is an acronym.)
14. Products that cannot be fixed, reused or **RECYCLED** may end up in landfill.



## Crunch the coordinates – solutions





## Crack the code – solutions

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
14	100	93	81	11	8	86	23	19	44	64	39	28
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
49	17	7	12	22	27	13	63	47	36	1	9	31

**Answer:** When one tonne of old computers is recycled, carbon emissions are reduced by about four tonnes. Cool!

## Letter maze – solutions

