

For video instructions, demonstrations and experiments for the magnetic accelerator, visit:

www.accelerators.org.uk/MA

1 Fold along all the long lines (you may need to score them with a pen first). The sheet should form a zig-zag pattern.



2 Squeezing the ridges together, cut along the lines that run *across* the folds.




3 Turn over, carefully cut joining piece in half and secure with sticky tape.



4 Place magnets in the gaps and tape into place. Arrange the metal balls as shown. Push ball **x** towards the magnet.



-  ——— Cut along these lines with scissors
- - - - - Valley fold along these lines
- . . . - Mountain fold along these lines



Did you know... we can accelerate particles to almost 300 000 000 m/s!

Accelerators everywhere

from the Big Bang to Curing Cancer

MAGNETIC ACCELERATOR