Key Vocabulary object A thing that can be used. Materials are what an materials object is made from. Not easily broken or bent. hard It is easy to cut, fold or soft change shape. Can be pulled to make it stretchy longer or wider without breaking. Reflects light easily. shinu Doesn't reflect light, llub doesn't look bright or shiny. If something is rough, it feels and looks uneven or rough bumpy. Smooth objects have no smooth lumps or bumps. Bendy things can be bent easily into a curved or bendy folded shape. It keeps water out. It water-

keeps things dry.

proof

Materials

Year | Spring Term



Charles Macintosh





Charles Macintosh was born in 1766 in Scotland. As a young man he worked as a clerk, keeping records. In his spare time he studied science. Charles left his job as a clerk when he was 19 and he started work making chemicals, and experimented with ways to use chemicals to make new materials. One day, he had invented a waterproof fabric. He started to use this fabric to make waterproof coats that he called Mackintoshes.

Did you know?

Scientists in New Brunswick British Columbia have discovered that plants first developed a structure that could be identified as wood 395-400 million years ago!

"There is no beauty in the finest cloth if it makes hunger and unhappiness" - Mahatma Gandhi.

