



ii) checking the flow of electrons.

c) Steel 1, with a composition of 99.8% Fe and 0.2 x C would produce a hard steel.

Steel 2 would also be quite strong and steel 3 would be the strongest, with the addition of magnesium. Steel 4 houever hould be weaker with the addition of chronium and nickel.

Start here. di) The investigation could be performed in relation to oxygen, water and temperature. For oxygen, you would have 3 test tubes, first with normal conditions (water, oxygen & light), second with a seal of oil to prevent more oxyen from entering the system and third with an oil, which allows no oxygen. For water, there would be firstly a control with ideal conditions, secondly a test tube with water covering half the nail, and thirdly a jest tube with no our water whatsoever. For light, three test tubes again. One in full sunlight all the time, second test tube changes between light and derk and thind test tube all dark ii) Oxygen could is reduced the further into the ocean you go, so naturally the rate corrosion would be lower

a) Techniques need for restoring and
conserving wooden and most coppor artefacts
have many positives and negatives. An
example being to simply this away
at deposits which have built up could
actually destroy the artefact.
Immersion in acid bathe can help to
release some daposits but can also
damage the original artefacts. Pieces of
wood can be dried and restored or
east.
a tradition designed and the control of the first of the first of the control of
and the state of t
a the transfer of the army first and have been assembled as the second of the contract of the
Additional writing space on back page.