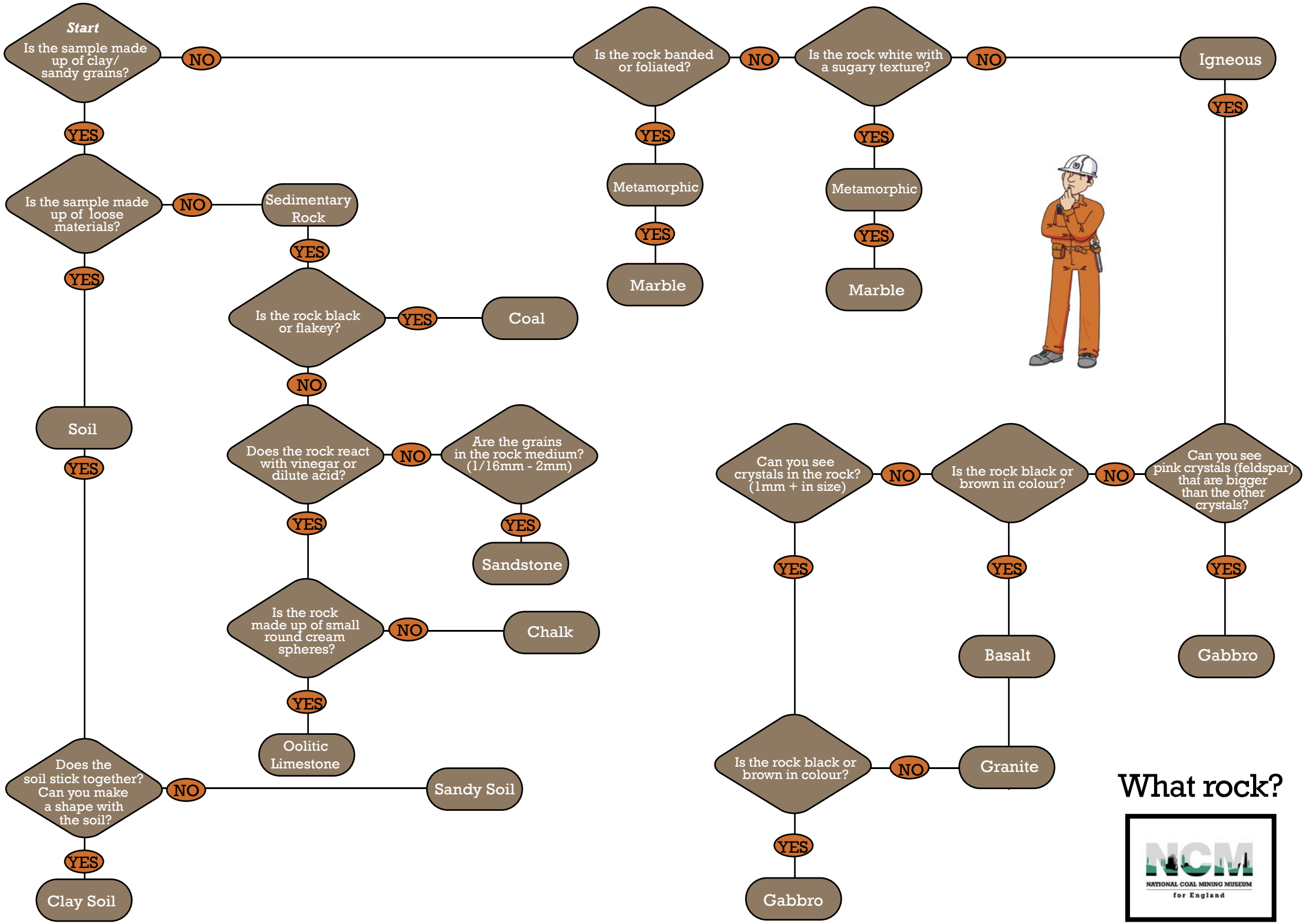
Start
Is the sample made up of clay/ sandy grains?
NO
YES
Is the sample made up of loose materials?
NO
Sedimentary Rock
YES
Is the rock black or flakey?
YES
Coal
NO
Does the rock react with vinegar or dilute acid?
NO
Are the grains in the rock medium? (1/16mm - 2mm)
YES
Sandstone
YES
Is the rock made up of small round cream spheres?
NO
Chalk
YES
Oolitic Limestone
YES
Soil
YES
Does the soil stick together? Can you make a shape with the soil?
NO
Sandy Soil
YES
Clay Soil
Is the rock banded or foliated?
NO
YES
Metamorphic
YES
Marble
Is the rock white with a sugary texture?
NO
YES
Metamorphic
YES
Marble
Igneous
YES
Can you see pink crystals (feldspar) that are bigger than the other crystals?
NO
YES
Gabbro
Is the rock black or brown in colour?
NO
YES
Basalt
Can you see crystals in the rock? (1mm + in size)
NO
YES
Is the rock black or brown in colour?
NO
Granite
YES
Gabbro
What rock?
NCM
NATIONAL COAL MINING MUSEUM
for England