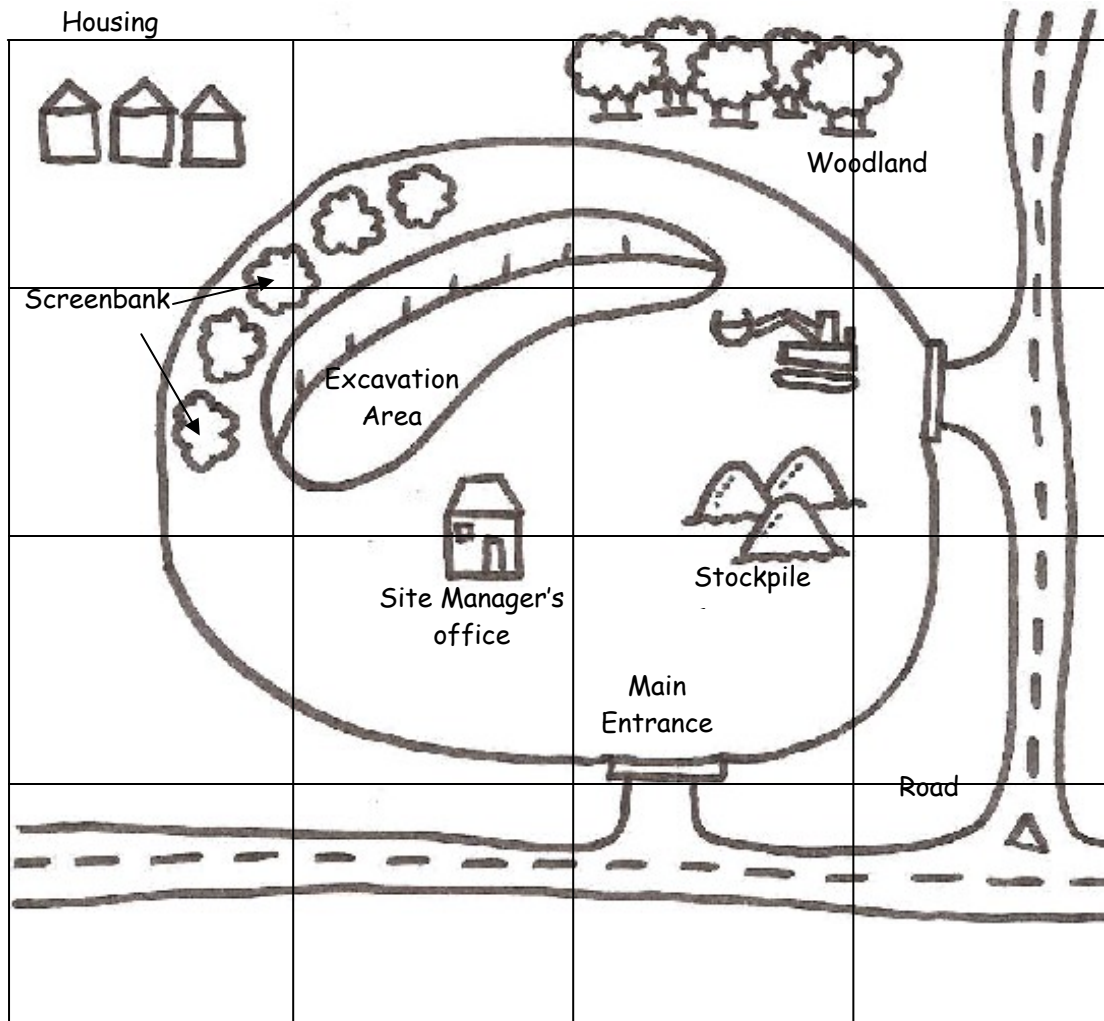


QUARRIES - Quarry restoration planning exercise

Below is a plan of Sandtown Quarry. Sand is to be extracted for the next 10 years. The quarry manager has asked you to come up with a design for how the quarry could be restored once the work has finished.

Look at the plan of the quarry below and think about what you would like to do to the land once quarrying has finished. Once you have decided illustrate your plan on the blank grid on the back of this page.



Here are some possible options for developing the area:

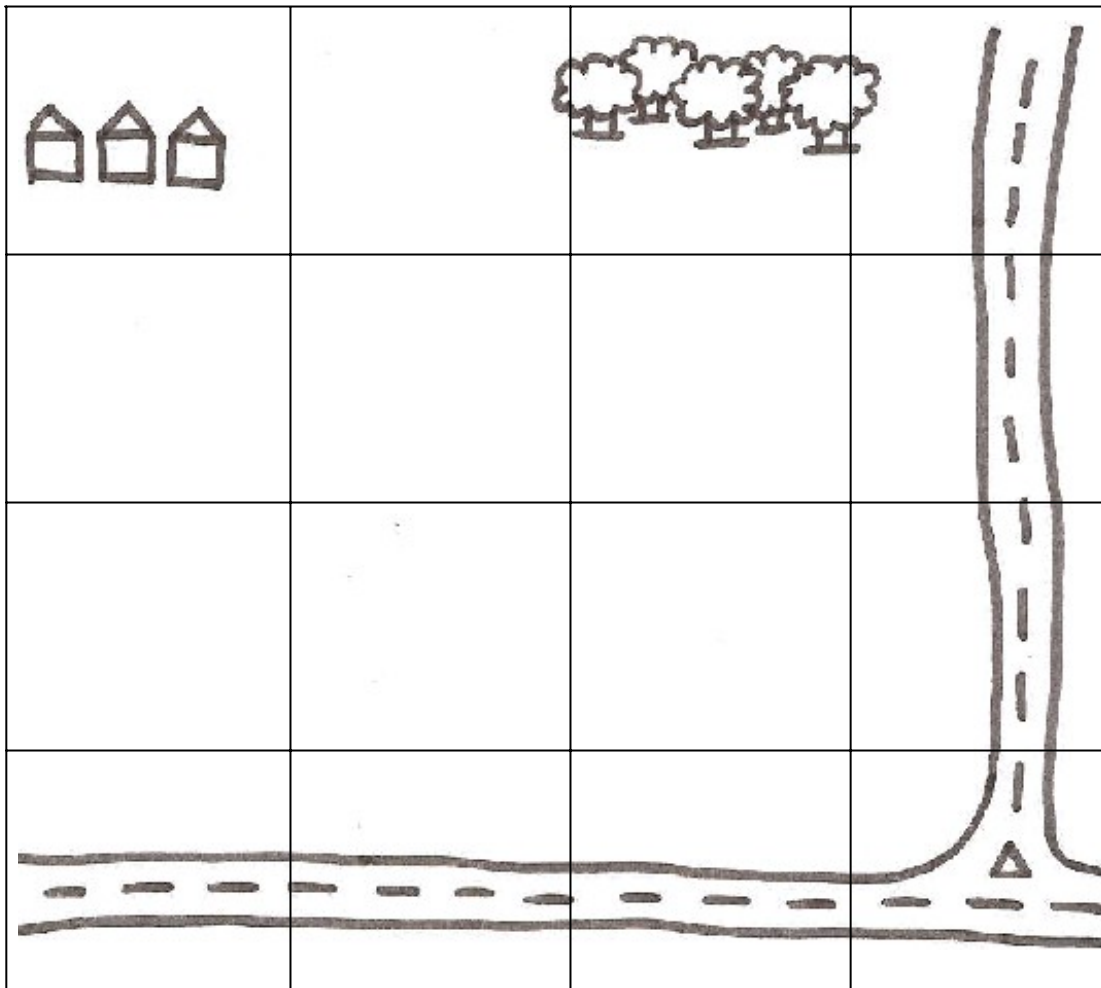
More housing, more woodland, a caravan site, farmland... or you can decide on your own idea. You could have more than one option on the same plan.

Name



QUARRIES - Quarry restoration planning exercise

Now draw and label your plan on the blank grid below...



Briefly describe your plan and explain why you think it is a good idea...

Will your plan be good for wildlife, people or both?

Name



Extra information...



Quarry restoration planning exercise

Teachers Notes	<ul style="list-style-type: none">• A follow up exercise to develop a plan for a redundant quarry site• Pupils must consider the consequences their plan may have on local people and wildlife, for example noise, dust, habitat loss, habitat creation, access, parking, facilities, future management...
Fieldwork Suggestions	<ul style="list-style-type: none">• A visit to a working quarry (must be arranged through mineral companies)• A trip to a restored sandpit site, for example Tiddenfoot Waterside Park or Sandhouse Nature Reserve (see fact sheets)• Other sites local children may be familiar with include Sandhills and Kingswood Park housing estate near Page's Park which is built on the site of an in-filled quarry
Follow-up Ideas	<ul style="list-style-type: none">• Design a leaflet to promote or advertise the new area planned for the former quarry site
Sandpit kit Links	<ul style="list-style-type: none">• Fact sheets: Tiddenfoot Waterside Park and Sandhouse Nature Reserve• Local maps
Curriculum Links	<p>GEOGRAPHY</p> <ul style="list-style-type: none">• Study an area local to the school• Expressing views on the environment• How people affect the environment• Why people manage and sustain their environment <p>SCIENCE</p> <ul style="list-style-type: none">• Different plants and animals are found in different places• Consider how to treat living things and the environment with care and sensitivity <p>PSHE & CITIZENSHIP</p> <ul style="list-style-type: none">• Write about opinions and explain their views on issues that affect them and their society• Realise that people and other living things have needs• What improves and harms their local, natural and built environments