

Rock Kit Possibilities For Year 8

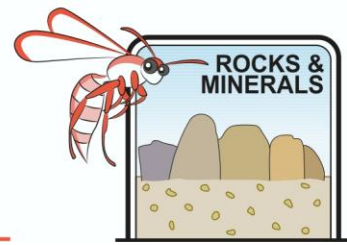
These are some ideas for sourcing rocks for Year 8 WASP activities (www.wasp.edu.au).

Mineral kits with activities can be borrowed from Earth Science Western Australia (www.earthsciencewa.com.au)

Recipes for making replica rocks are included in this package.

Sedimentary Rocks

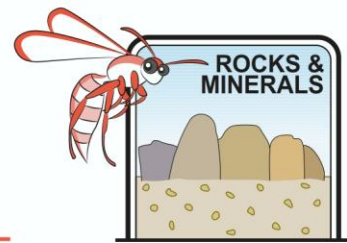
Rock	Source	Comment
Conglomerate	Mt Russel Wiluna.	Replica conglomerate recipe
Breccia		Replica breccia recipe
Sandstone	Jurassic sandstone behind Geraldton to Leeming. Donnybrook sandstone Canning Basin Bunnings pavers are from Rajistan Rural Stone	Replica sandstone recipe
Siltstone	Cretaceous rocks just under Darling Range, Whicher Range, Kennedy Range & Canning Basin Irwin river Mingenew	Coalseam Park Worth a visit to view fossils as well
Mudstone/shale	As above	As above Potter's clay for mudstone
Limestone	Coastal Tamala and Quindalup Limestone Building sites	NB some rocks sold as limestone are more correctly sandy limestone or limey sandstone
Fossiliferous limestone	As above.	Replica fossiliferous limestone recipe
Coal	Coal along beaches near ports and along railway lines	Steam power or sea coal? Premier Coal Collie?
Chalk	Gingin Molecap Hill (Ask farmer's permission on entry)	Big thick chalk sticks
Spongelite	North & east of Mt Barker Some mechanic shops	



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Igneous rock

Rock	Source	Comment
Basalt	Bunbury beach	
Dolerite	Almost any black intrusive dyke or sill Road metal or blue metal	Railway tracks – used as ballast.
Gabbro		Dimension stone importers (Roadstone) Monumental masons
Pumice	Some floats in from Antarctica on the south coast of WA	Chemist pumice is often crushed and reconstituted. It will not float but remains abrasive.
Andesite		
Granite	Most of Pilbara & Yilgarn Cratons. Bunnings' pavers. Most light coloured rock in quarries on cratons Monumental masons.	



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Metamorphic rocks

Rock	Source	Comment
Quartzite	Rural Stone Nedlands. Picton Junction. Moora quarry.	
Slate	Bunning's pavers Old building sites' roofs Kitchen & bathroom floor	
Schist	Bindoon (in new suburbs south of town centre)	
Marble	Kitchen & Bathroom decorating tiles Monumental masons	
Gneiss	Margaret River to Cape Naturalist	Good specimens on groyne at Cottesloe (for viewing only)

If you have suggestions for sources of rock, please contact me. julia@wasp.edu.au
I'd be delighted to share!