

Stage 1	Stage 2	Stage 3	Stage 4
Coal, oil, steam, coke, heat, star, stop, turn	Boiler, control, fuel, power, coalfield, engine, engineer, stoker	Mechanic, operator chimney, carbon fuels, winding gear	Maintenance, ignite, combust, combustion
Lock, water, gate, toll, lift, brick, soil, earth, clay, flood, flow, drain, rut, moor, pole	Lock flight, ladder, waterway, canal, system, chamber, container, build, towpath, overflow, paddle, pound, rudder, windlass	Navigation, network, drainage, weir, sluice, forming, mortar, cement, duct, torrent, trough, basin, reservoir	Irrigation, attenuation, aqueduct, hydraulics, terminus
Barge, boat, tug, float, horse, pony, donkey, stable, shoes, boatyard, cabin, dock, gate	Narrow boat, payment, toll booth, forge, blacksmith, chamber, milepost	Hauling, legging, floatation, vessel, gallons	Transportation, Haulage
Bridge, span, cross	Pier, swing bridge, tunnel	Cast iron	Architecture, construction
Digger, cutting, pit, hole, dam	Pickaxe, barrow, shovel, silt, shaft	Dredge, dredging, earthworks	Excavation, entrenchment, embankment
Plane, angle, steep, ramp	Surface, incline, container, balance, flight, junction	Incline Plane, caisson, guillotine gate, linear, parallel	Elevation, alignment, summit
Iron, metal, workshop, horseshoe	Forge, magnet, plate, ore	Rivett, smelt, assembly	Ferrous, alloy, impurities
Gear, lever, rail, track, truck	Pulley, winch, railway, gauge, CAM, force, effort, load, linkages	Construction, mechanism, automata, motion, leverage, fulcrum	Hydraulic, counterweight
Load, weight, fast, slow, speed, stop	Cargo, freight, traffic	Tonnage, toll	Haulage, distribution
Past, present, yesterday	History, century, Victorian, transport, Industry	Trade-route, ancient, fossil	Industrial heritage
Travel, move, carry	Journey, route, basin, junction, wharf	Interchange, voyage	Transportation, terminus
Lost, unused, fix, fixed	Derelict, repair, replace	Maintenance, reclaim, demolition	Obsolescence, obsolete, abandoned, regenerate

Castle, roses, flowers, letters, shape, size, colour	Decoration, pattern, symbol, logo, brand, water can	Ownership, personalise, identity, enamelware	Ornamentation, illustration
Work, worker, task, job	Labourer, Navy, gang, traveller, workforce	Itinerant, toil, graft, strive	Prefabrication, fabrication, endeavour
Land, farm, hill, vale, cut	Farmland, height, valley, carve,	Agriculture, contour, landscape, summit	Meander, projection, topographic
Plan, map, make, model, picture	Diagram, photograph, method, scheme	Engineering drawing, Patent office, invention, creation, design, blueprint	Patent office, architect, Enterprising, schematic drawing
Tool, spade, pickaxe	Shovel	Utensil, device	Implement, gadget
Strong, heavy, big	Sturdy, powerful, weighty	Robust, industrial,	Mechanical, impressive, audacious

Other terms and concepts to explore:

Towpath telegraph: News was passed onto the lock keepers to pass on to others on the canal network

Linear village: Buildings sprung up along the canal (as at Foxton) to support the canal workers, blacksmiths, forges, shops, pubs and stables.

Extreme weather: In the big freeze of 62/63 the canals froze over in two of the hardest winters in Britain. Iceboats cleared the waterways; we have one at Foxton locks and many examples of people's experience of this. The locks also saw a few years of drought and the canal had to be refilled using steam engines and water from the Harborough arm.

Trade Competition: The canals were in competition with the railways who in turn were in competition with the roads, all three often followed the same route through the landscape. We have many examples of this in our locality.

Water energy: Water consumption and retention to be used a power source. Linked now to the local eco system.

Local oral and aural history: There are many examples of the canal boatmen and women and their children and the navies who worked in this area. (First person narratives and diaries.)

Historical enquiry: Exploring the waterways history from the 18th century.

Roses and castles: Folk art of the canals.