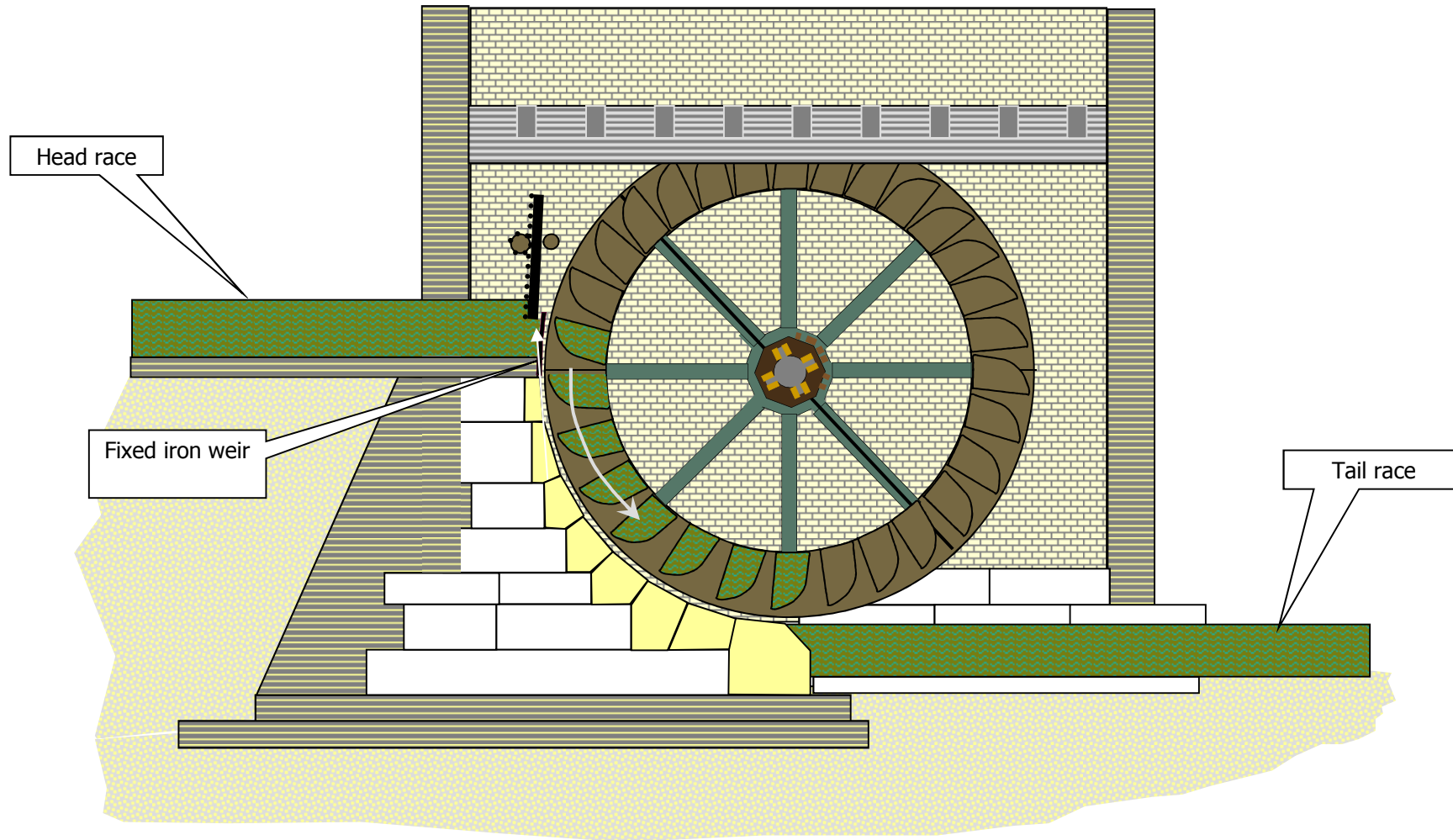


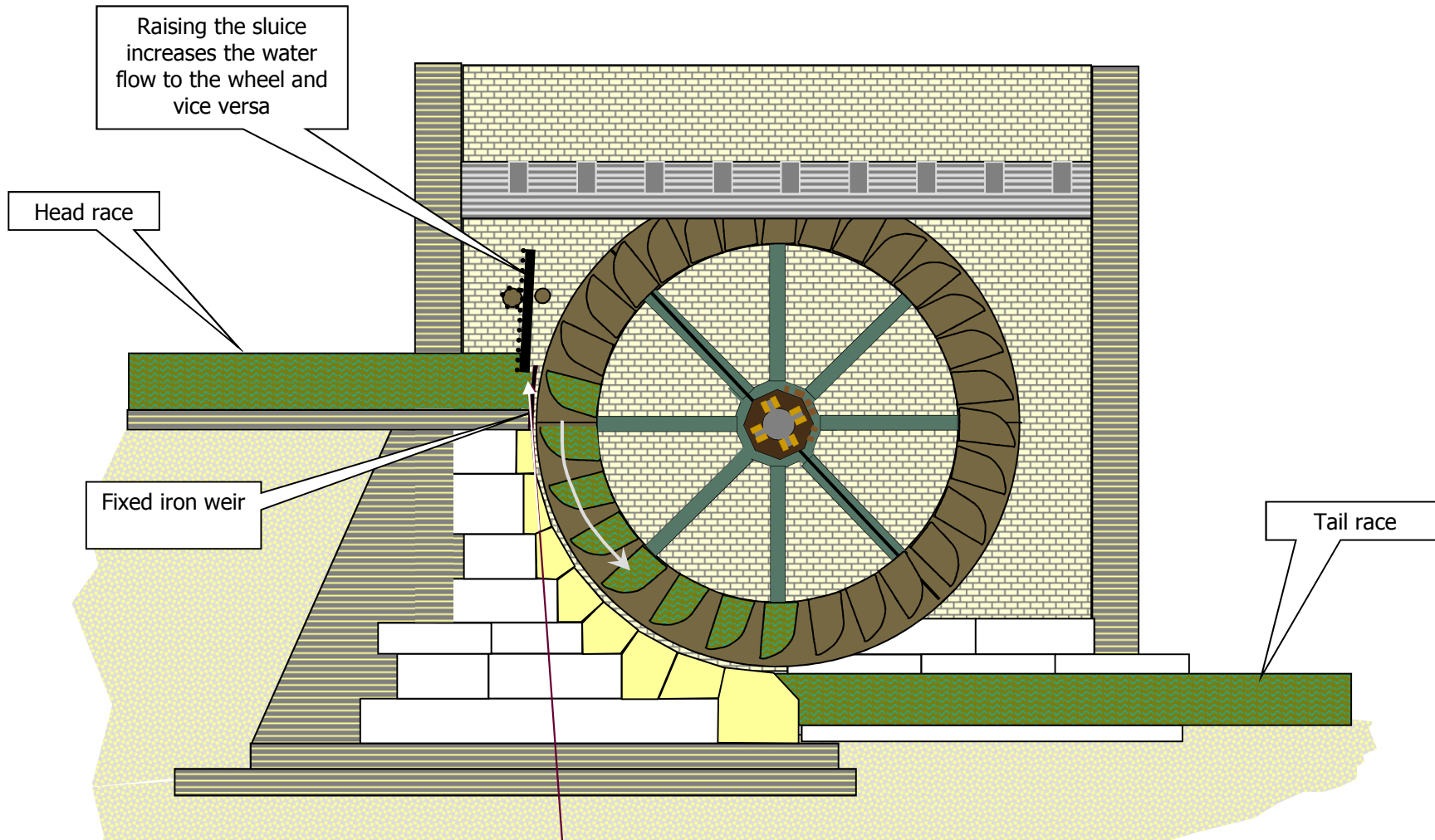


School Project Sheet

Combe Mill Waterwheel Free Power

Lower breast shot





Raising the sluice increases the water flow to the wheel and vice versa

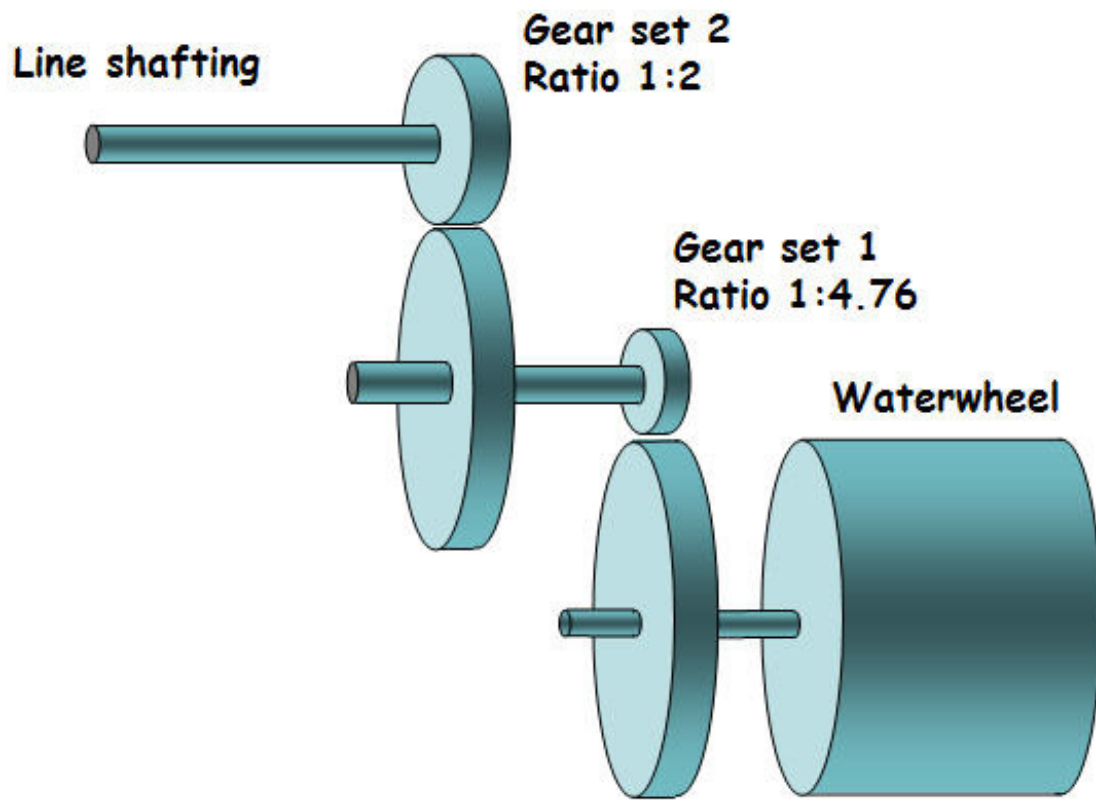
Head race

Fixed iron weir

Tail race

Water flows up between back of moveable wooden sluice gate and front of iron weir. The lower the sluice gate the more the water is slowed down.

Typical lower breast shot wheel



Waterwheel gearing