



W4.6 PLANNING AND DESIGNING

Assessing functions

Function – What do you want to do? HINT think about the functions your building needs to perform	Ask Nature – Where might you find this in nature? How does nature do this?	Apply – How can nature help you address your challenge? What can you borrow from nature, and how might it be applied in this context?
<i>EXAMPLE: Regulate temperature</i>	<i>Termite mounds maintain a stable temperature using a network of tunnels with draw in cool air and expel warm air</i>	<i>Convection – use rising warm air escaping through roof vents to draw in cool air from pipes below ground</i>