

**KS3 Physics revision worksheet 3 - Energy Resources, Energy Transfers, Light, Sound
Exam Question Answers**

1. (a) (i) light 1 (L4)
 (ii) ripples on water **or** ripples 1 (L4)
- (b) Sound cannot travel through a vacuum. ✓ 1 (L4)
 if more than one box is ticked, award no mark

[3]

2. (a) • coal 1 (L4)
 • gas 1 (L4)

accept 'coal fire' or 'A'
accept 'gas boiler' or 'D'
 answers may be in either order
accept 'petrol' or 'petrol generator' or 'C'
or 'oil'
 answer may be in either order
'fire' is insufficient
'boiler' is insufficient
'generator' is insufficient

- (b) (i) • the Sun 1 (L4)
accept 'solar energy' or 'solar'
accept 'light' or 'sunlight'
 references to heat are insufficient

- (ii) any **one** from 1 (L3)
 • it is dark
 • no light
 • the Sun has set

accept 'it needs light'
accept 'no Sun'
 references to heat are insufficient

- (c) • wind 1 (L3)
accept 'moving air' or 'air'
accept 'air currents'