

Bushfire Education



Task sheet: Expert group 4 – Topography

- 1 Use the images below, which show different areas of the earth's surface, to answer the following questions:
 - a How would a bushfire behave in each situation?
 - b In which area would radiant heat be intense? Explain your answer.
 - c Explain how convection currents might lead to the bushfire spreading. How does a slope affect a fire's movement?

image of forested hills and valleys



image of wide river and forest edge



image of highway and tree edge



image of grasslands



image of mountain ash forests with fallen logs



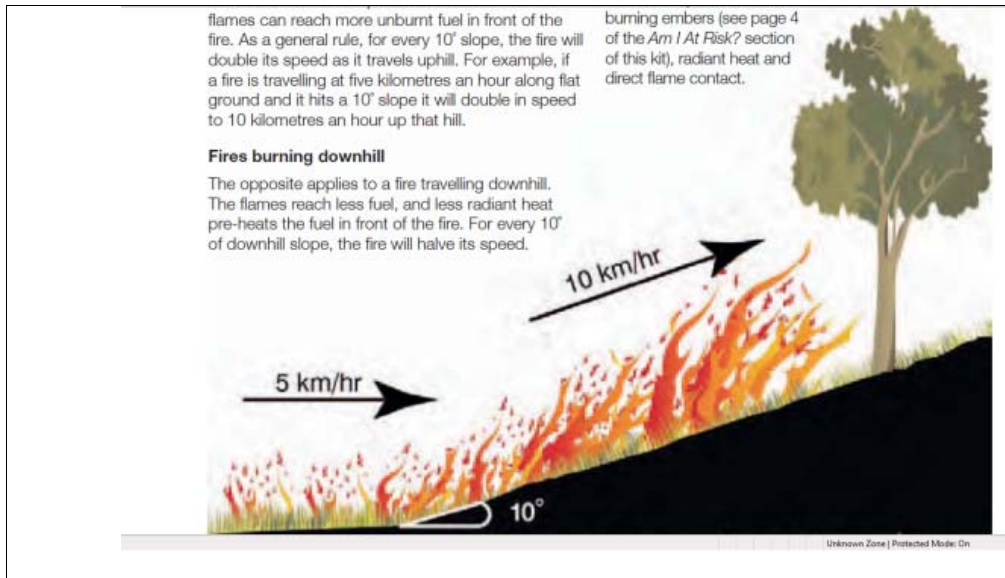
image of house in a paddock



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- 2 Use the following diagram to explain what happens to the speed of a fire as the slope increases.



Source: CFA

http://www.cfa.vic.gov.au/firesafety/bushfire/documents/firereadykit_complete.pdf