**KEY KNOWLEDGE 3.2.2**

**The factors influencing contemporary societal relationships with outdoor environments.**

* **The effects of different technologies.**

**Introduction:** The ongoing development of new technologies has influenced, and continues to influence, the relationships that Australians have with outdoor environments. Innovations in clothing and materials, communication and navigation, transport and infrastructure, as well as the developments and improvements in activity-specific and safety equipment, have all changed the ways in which humans experience environments.

**Learning Intention:**

* To examine the effects of some of these technologies on both humans and the environments in which we use them.

**Learning Activities**

1. **Read** p171- 172 of your OES text ‘Technology and relationships with Nature’ and answer the following questions in your workbook under the appropriate heading:

* **Explain** how technology may have altered the way you live on a day to day basis, compared with that of your parents. Use multiple examples to demonstrate your understanding.
* **Define** urbanisation and outline how it has affected accessibility to outdoor environments.

**KEY CONCEPT:** Personal outdoor experiences have been enhanced by technology as the design and development of communication devices; clothing and specialised equipment makes the activity safer and the gear lighter and effective.

**THE EFFECT OF TECHNOLOGY ON** **RECREATIONAL PRACTICES**

* **Draw** up a separate table in your workbook. List 3 forms of technology associated with this activity.

**i.e.**

|  |  |  |
| --- | --- | --- |
| **Surfing** | **Hiking/Camping** | **Rock-climbing** |
| **i.e.** *Use of different materials in the construction of boards i.e. fibreglass*  -  - | **i.e.**  *Gortex and other synthetic waterproof clothing material*  -  -  - | **i.e*.*** *Development of specialist rock climbing shoes*  **-**  **-** |

1. For each of the activities above, explain how the development of technology in this activity has affected the number of people involved in this recreational activity and its **impact** on the environment.

Do this by answering the following:

* Have the technologies enhanced the way participants can interact with the environment?
* Have the technologies enhanced performance of the activity and therefore participation in the activity? Be specific.
* Have the technologies made the activity safer? Use examples.
* Has it detracted from the relationships the individual can have with nature?
* How does the technology impact (positively and/or negatively) on environment?

**Challenge question (Possible SAC question):**

Choose one of the activities and **evaluate** the influence of all three technologies listed ion contemporary societal relationships with outdoor environments.

*‘The paradox is that each new layer of invention simultaneously enhances and separates us from the outdoor experience’.* (Bartle 2000)