Biological weapons

- disease spreading e.g., WW2 massive investment in BW programmes by US, UK, Japan and Russia
- developed as a weapon of last resort
- used by Japan
- over 10,000 people killed

Biological and toxic weapons convention 1972

No verification mechanism (Russian programme continued until 1992)/concerns about contemporary military research

Terrorism: oversight of dual-use technology and research/ lab safety and security, response and attribution

Chemical weapons

- industrial scale development and use in WW1
- a weapon of last resort in WW2
- development of large arsenals during cold war
- use by Iraq in 1980s
- International prohibition treaty 1993
- sarin attack by Japanese cult
- Development and use in Syria