Тор	ic	Student Checklist	R	Α	G
2	evolution of the Earth's	Describe the composition of gases in the Earth's atmosphere using			
an		percentages, fractions or ratios			
ioi :		Describe how early intense volcanic activity may have helped form the early			
sit		atmosphere and how the oceans formed			
The composition and		Explain why the levels of carbon dioxide in the atmosphere changes as the			
l o		oceans were formed			
þe		State the approximate time in Earth's history when algae started producing			
		oxygen and describe the effects of a gradually increasing oxygen level			
5.9.1	evol	Explain the ways that atmospheric carbon dioxide levels decreased			
	methane as greenhouse	Name some greenhouse gases and describe how they cause an increase in			
pu		Earth's temperature			
Carbon dioxide and		List some human activities that produce greenhouse gases			
<u>.õ</u>		Evaluate arguments for and against the idea that human activities cause a rise			
2		in temperature that results in global climate change			
- d		State some potential side effects of global climate change, including discussing			
ပ္မ		scale, risk and environmental implications			
5.9.2		Define the term carbon footprint and list some actions that could reduce the			
5.5		carbon footprint			
	S I	Describe the combustion of fuels as a major source of atmospheric pollutants			
		and name the different gases that are released when a fuel is burned			
: _ ا		Predict the products of combustion of a fuel given appropriate information			
l or		about the composition of the fuel and the conditions in which it is used			
Common		Describe the properties and effects of carbon monoxide, sulfur dioxide and			
S .		particulates in the atmosphere			
5.9.3		Describe and explain the problems caused by increased amounts of these			
5.6	at	pollutants in the air			