

Stage 2
Identifying Relationships

1 Read the following carefully.

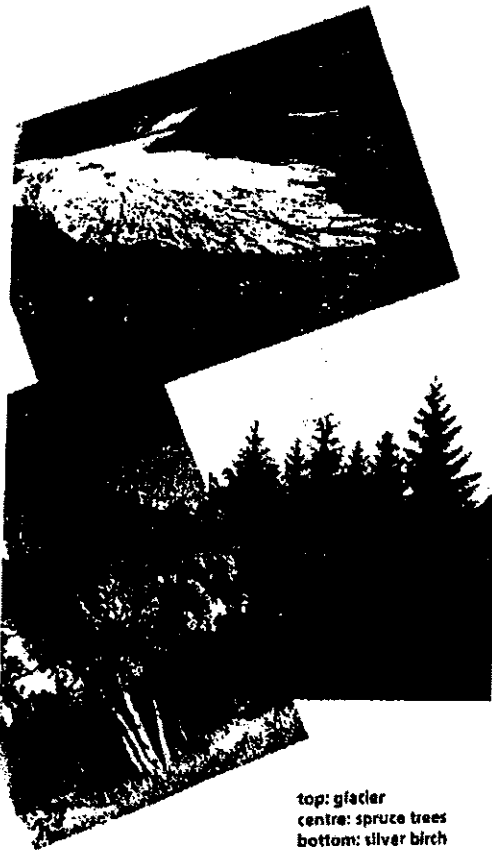
Climate

For the last hundred years the climate has been growing much warmer. This has had a number of different effects. Since the beginning of the 20th Century, glaciers have been melting very rapidly. For example, the Muir Glacier in Alaska has retreated 2 miles in 10 years. Secondly, rising temperatures have been causing the snowline to retreat on mountains all over the world. In Peru, for example, it has risen as much as 2700 feet in 60 years.

As a result of this, vegetation has also been changing. In Canada, the agricultural cropline has shifted 50 to 100 miles northward. In the same way cool-climate trees like birches and spruce have been dying over large areas of Eastern Canada. In Sweden the treeline has moved up the mountains by as much as 65 feet since 1930.

The distribution of wildlife has also been affected, many European animals moving northwards into Scandinavia. Since 1918, 25 new species of birds have been seen in Greenland, and in the United States birds have moved their nests to the north.

Finally, the sea has been rising at a rapidly increasing rate, largely due, as was mentioned above, to the melting of glaciers. In the last 18 years it has risen by about 6 inches, which is about four times the average rate of rise over the last 9000 years.



top: glacier
 centre: spruce trees
 bottom: silver birch

Now look at the following cause and effect table. From the text above copy into the table where necessary the *causes* and *effects* mentioned; also write in the central column, the appropriate connective or marker of the cause/effect relationship. Where an example (e.g.) is asked for, only write the first one if more than one is given in the text. The first section has been done as an example.

Table 1: Climate

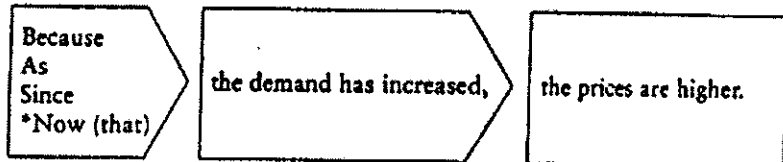
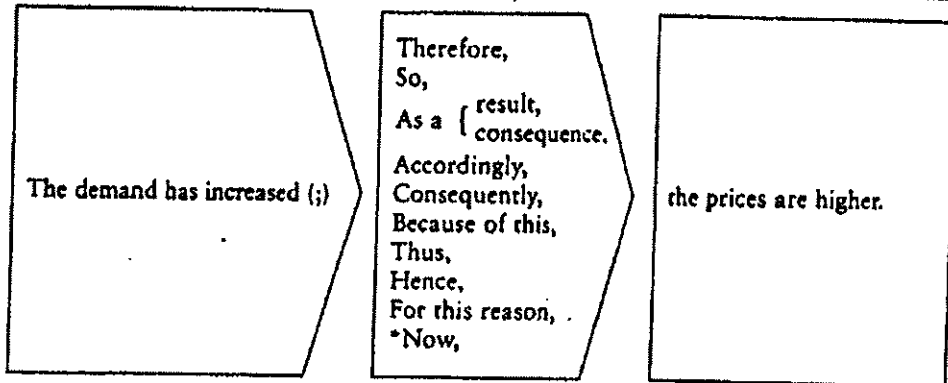
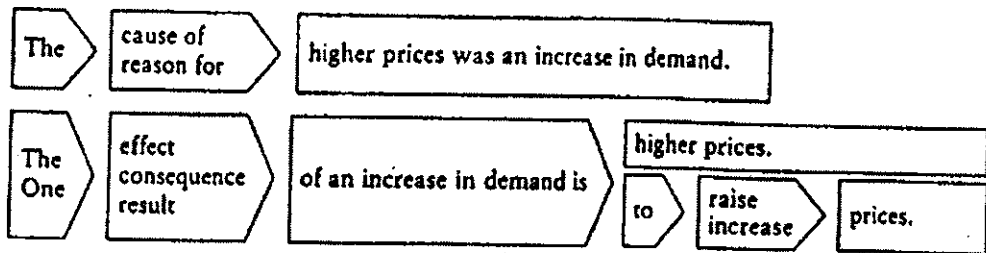
Cause	Connective or Marker	Effect
The climate has been growing much warmer	(different) effects	1 glaciers have been melting very rapidly, e.g. the Muir Glacier in Alaska has retreated 2 miles in 10 years
		2 e.g.
		3 e.g.
		4 e.g.
		5 e.g.

Structure and Vocabulary Aid

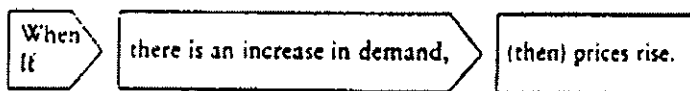
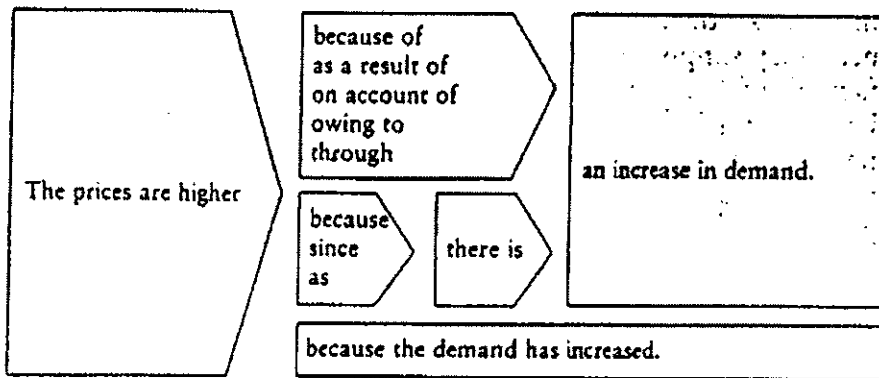
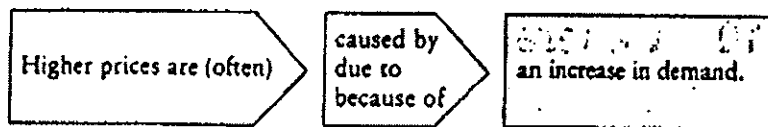
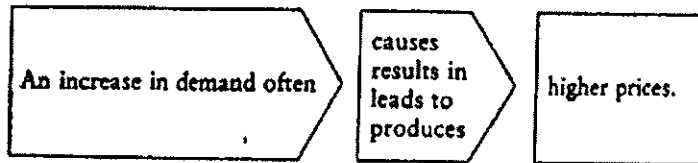
Jordan

Cause-effect relationships

Look carefully at the connectives or markers of cause-effect relationships shown below. Notice particularly how they are used in a sentence construction. The shaded boxes refer to causes.



(* includes in its meaning a present time element)



Look at this diagram relating to the situation in the Czech Republic. Write one paragraph describing some of the causes and effects. Give a title to your writing. *underline the key words*

SOME CAUSES
enough/lack of experience qualifications lack of education age (→23) age (45→) single woman married woman - with small children - with mature children - without children single man married man illness

SOME EFFECTS
in/adequate, in/sufficient or no opportunities possessions comforts wages/salaries stress unemployment alcohol, gambling dis/satisfaction lack of confidence enormous self-confidence frustration resignation high/low status