Phosphate fertiliser card sort

Arrange the yellow cards into a sequence which shows the linear sequence y which phosphorous is obtained and used in fertilisers.

Match the green cards which give more detail of each stage.

|  |  |  |
| --- | --- | --- |
| * extraction |  | * Insoluble phosphate rock reacts with acid to produce soluble salts. * Plants absorb phosphate and use it in molecules such as DNA. Food may be transported some distance from where is was produced. |
|  |  |  |
| * disposal/pollution |  | * Phosphate rock is mined, it is a finite non-renewable resource. |
|  |  |  |
| * production |  | * Disposal/ pollution. |
|  |  |  |
| * consumption |  | * The fertiliser is transported to countries with a high NPK use. |
|  |  |  |
| * distribution |  | * The fertiliser is transported to countries with a high NPK use. |