

# 73 Levels of Organization in an Ecosystem



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Organism



Population



Community



Ecosystem

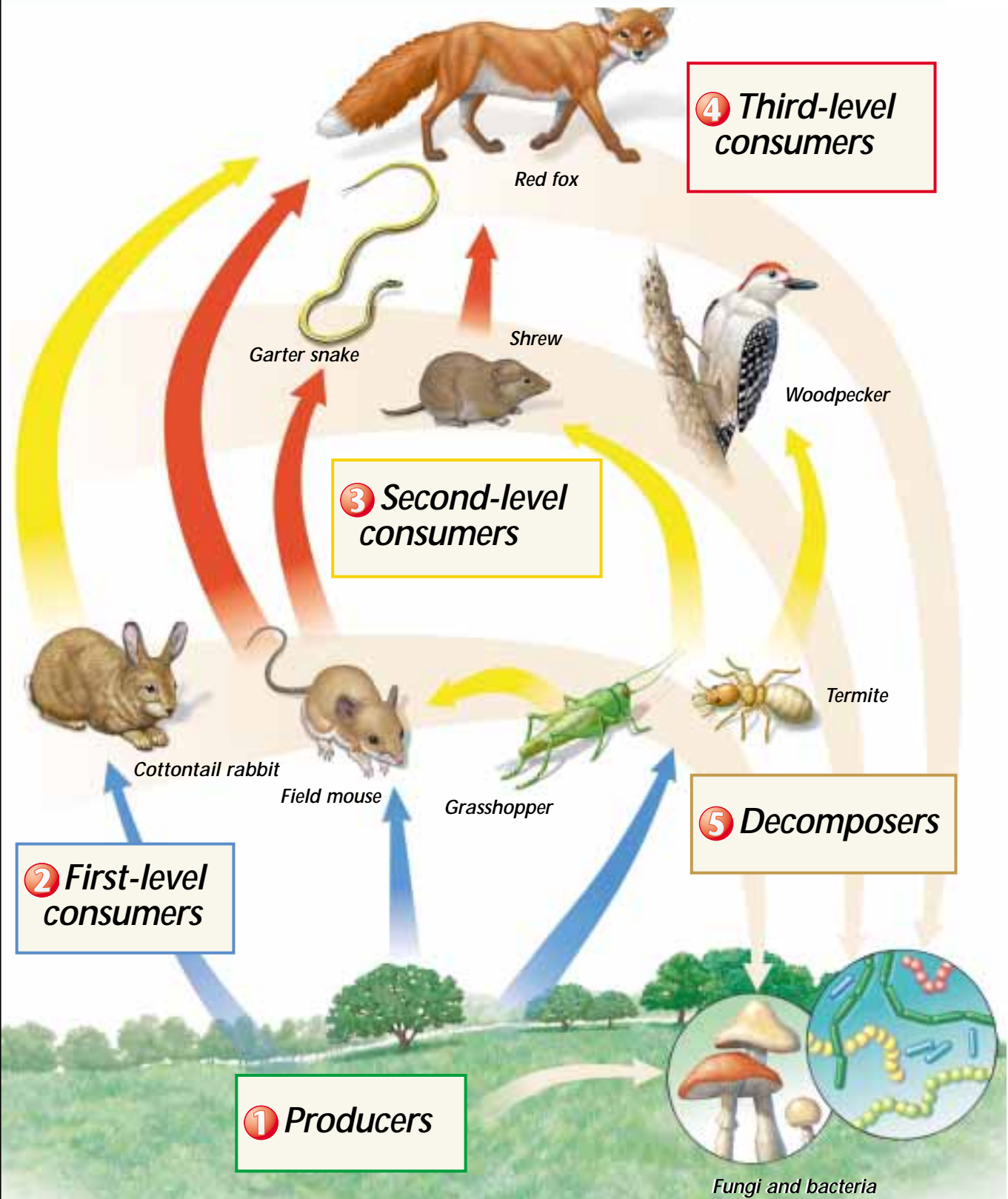
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# 74 Exploring a Food Web



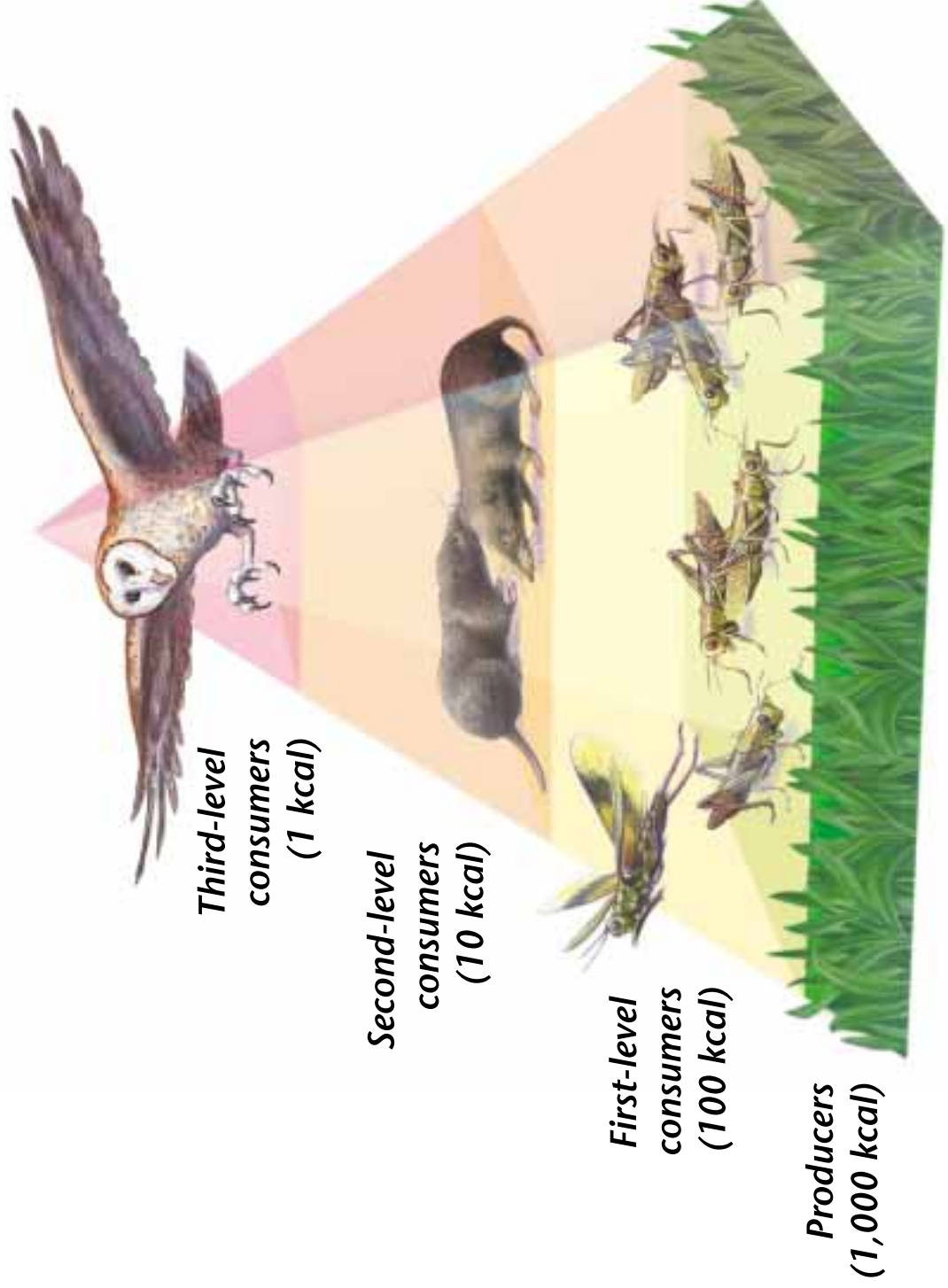
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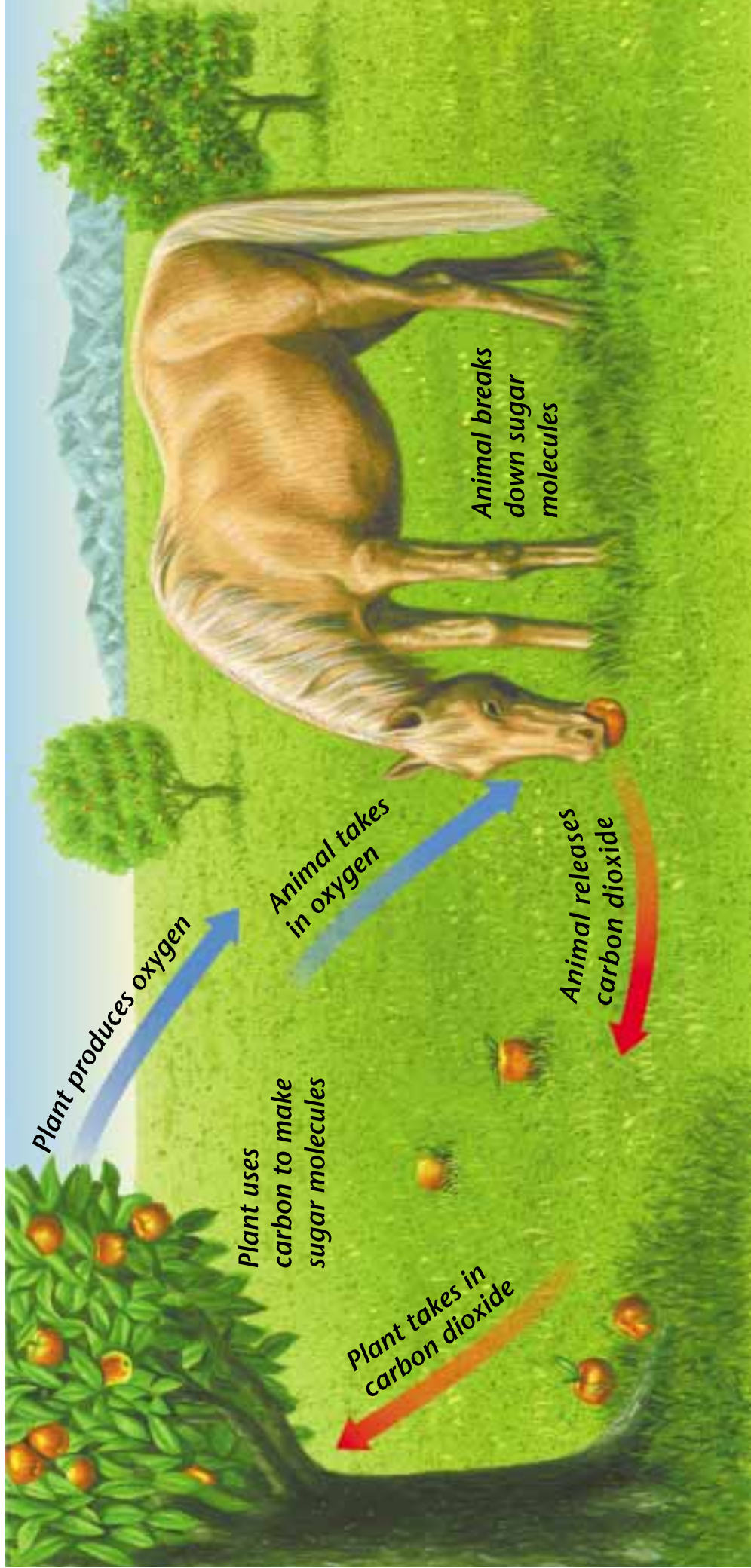


# 75 An Energy Pyramid



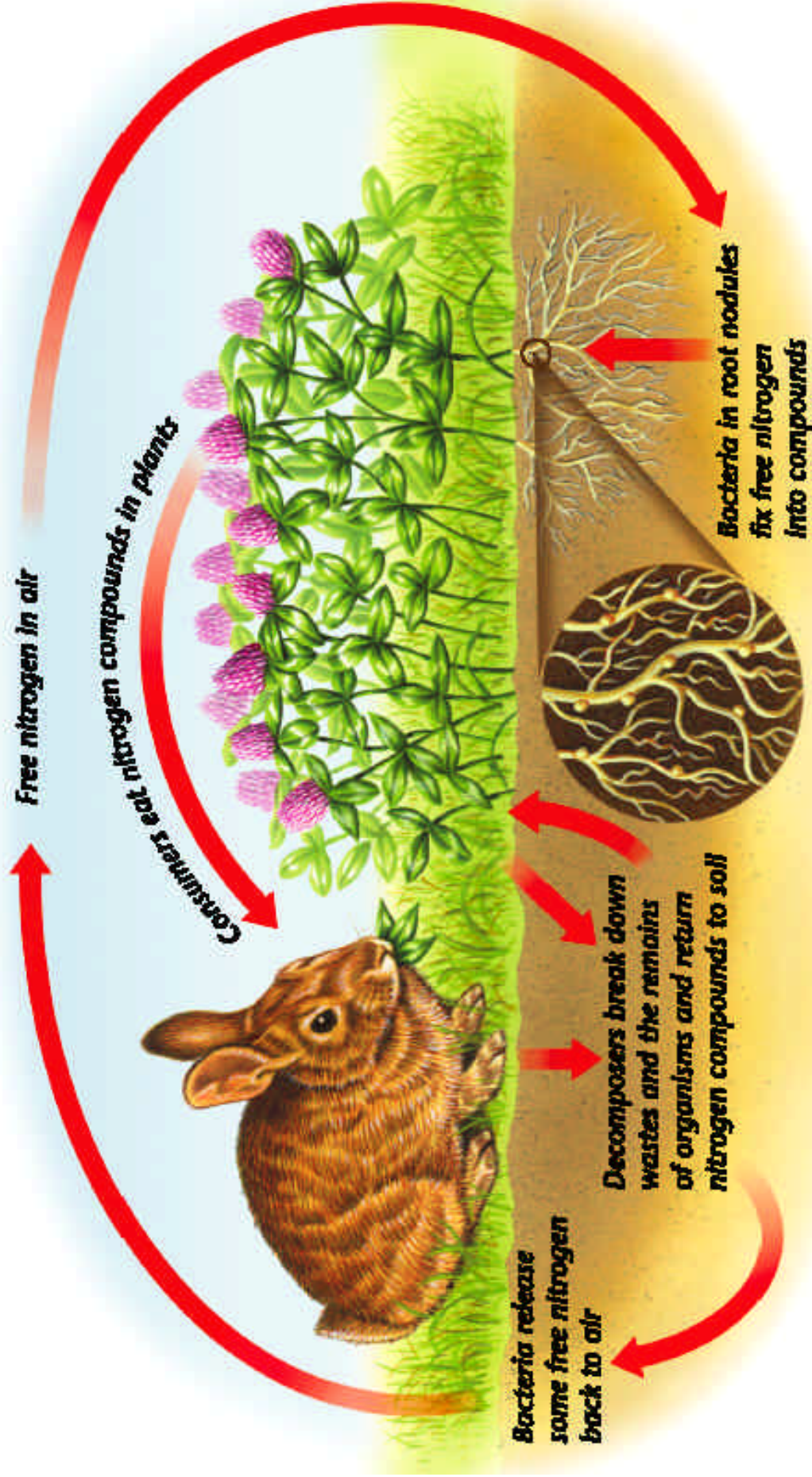


# 76 The Carbon and Oxygen Cycles





# 77 The Nitrogen Cycle



# 78 Primary and Secondary Succession



## Primary succession



**A**

*Bare rock*



**B**

*Pioneer species appear*



**C**

*Grassy weeds take root*



**D**

*Tree seedlings and shrubs appear*

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## Secondary succession



**A**

*Weeds and wildflowers grow*



**B**

*Pine seedlings and other plants take over*



**C**

*Pine forest grows*



**D**

*Pine-oak-hickory forest is developing*

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# 79 Logging Methods



Original forest

Clear cutting

Replanted growth



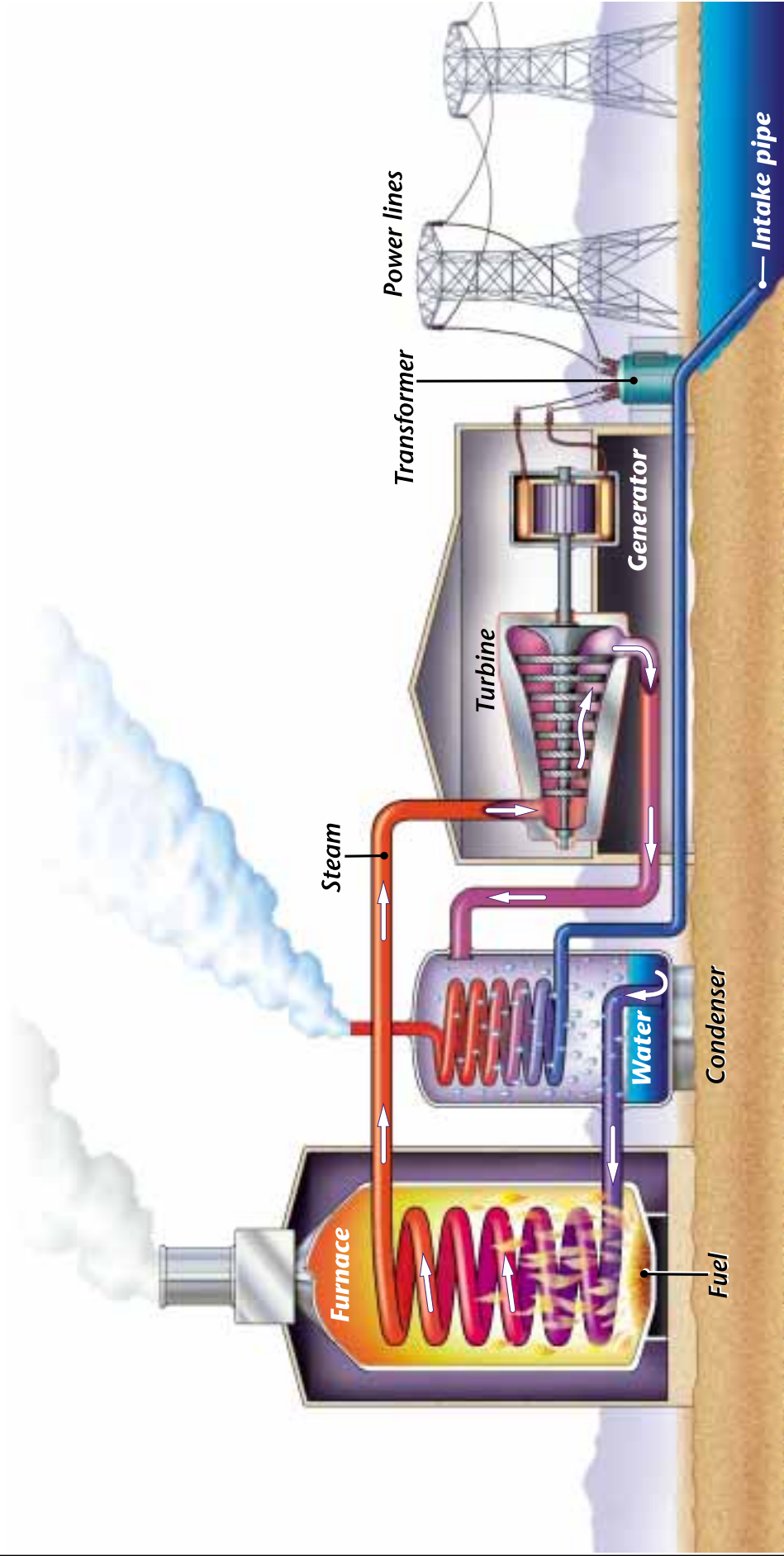
Original forest

Selective cutting

Diverse regrowth

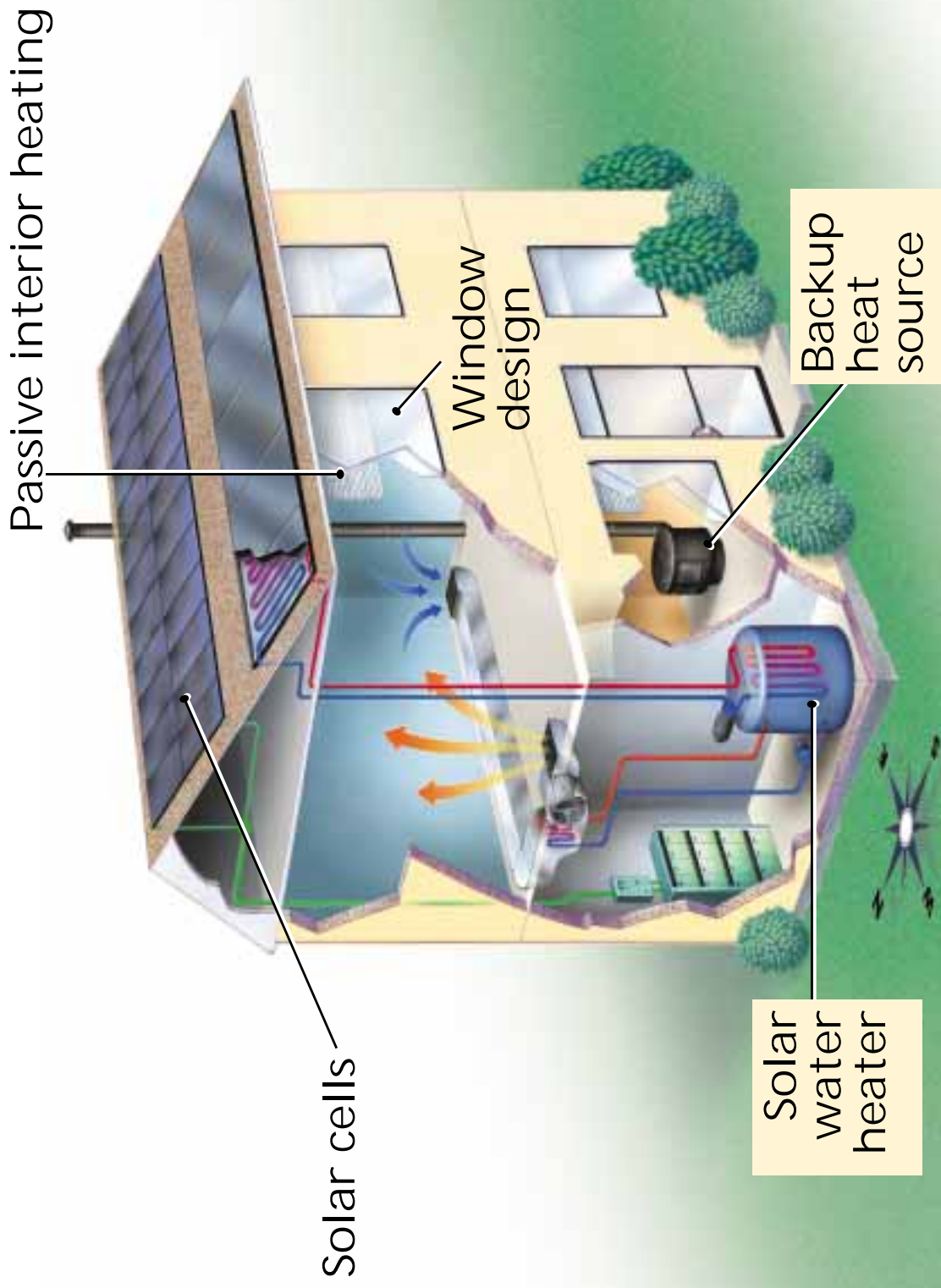


# 80 An Electric Power Plant





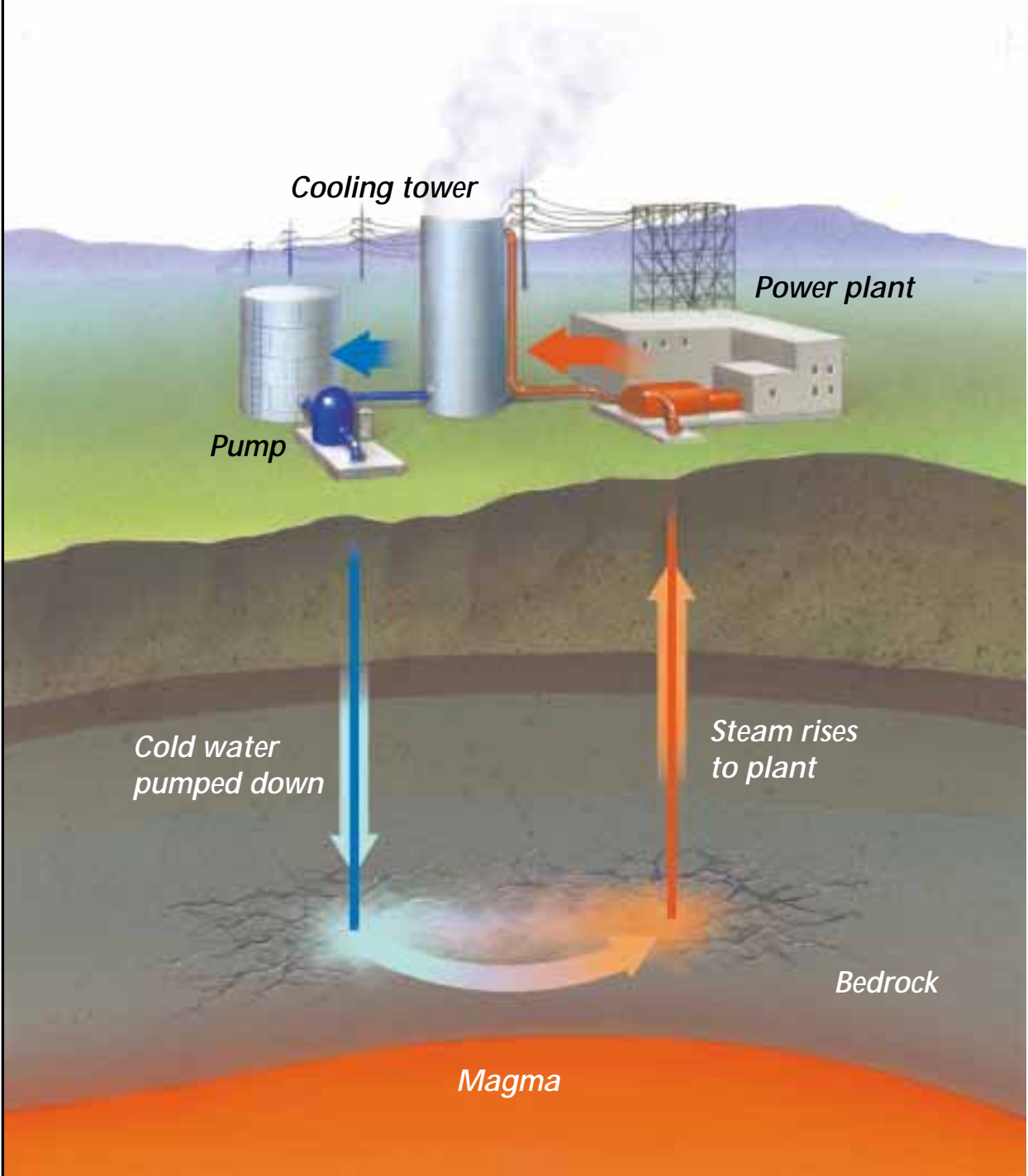
## 81 Exploring a Solar House



# 82 A Geothermal Power Plant



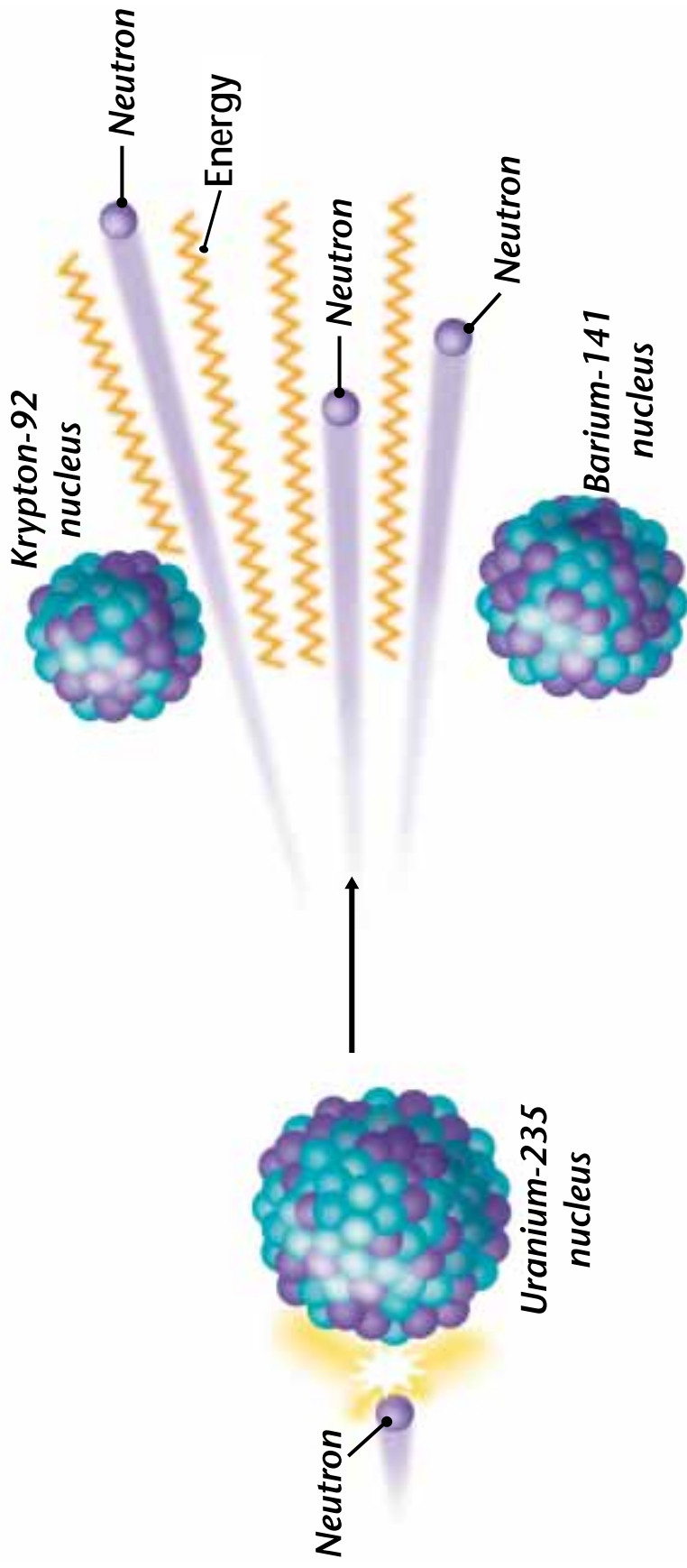
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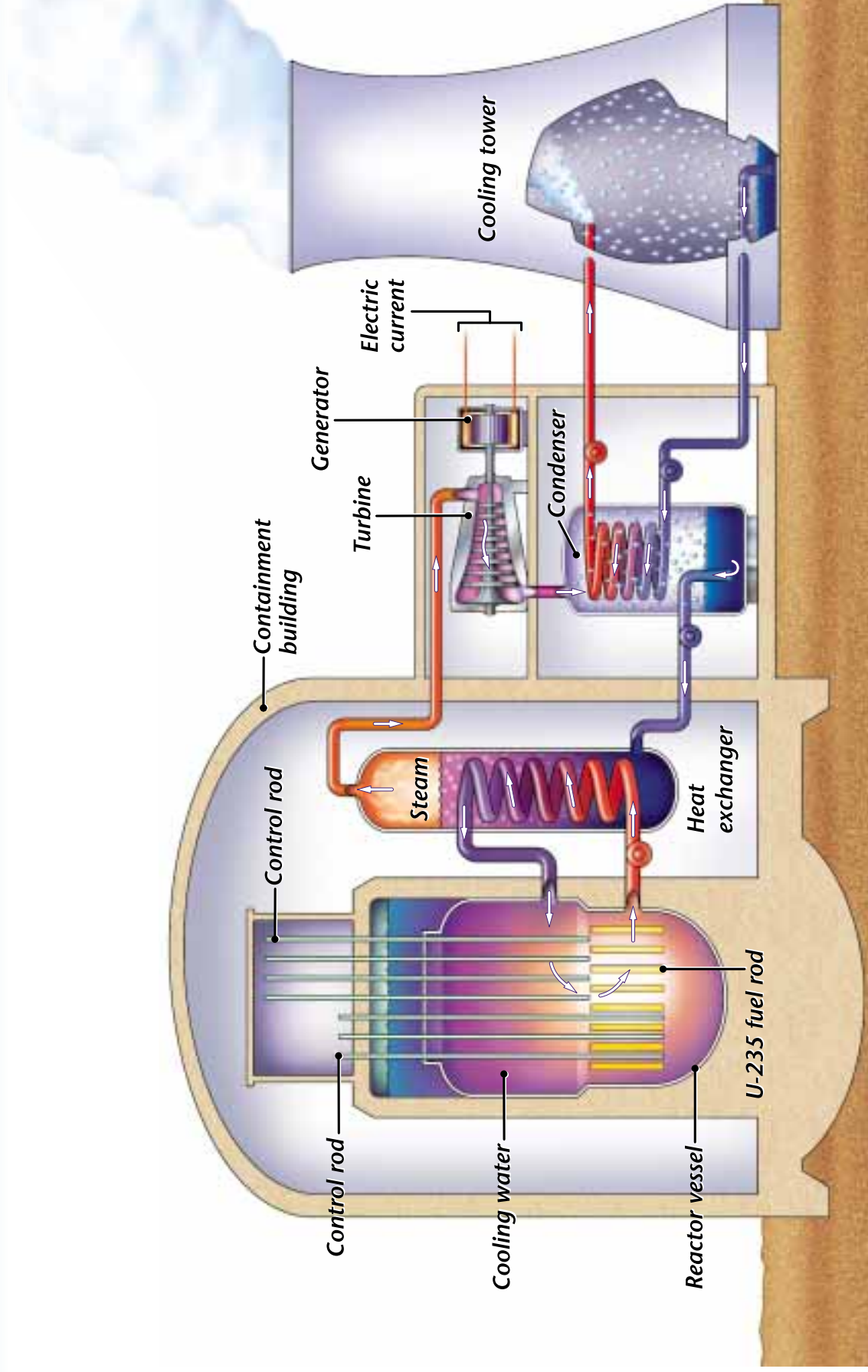


# 83 Nuclear Fission





# 84 A Nuclear Power Plant





## 85 Nuclear Fusion

