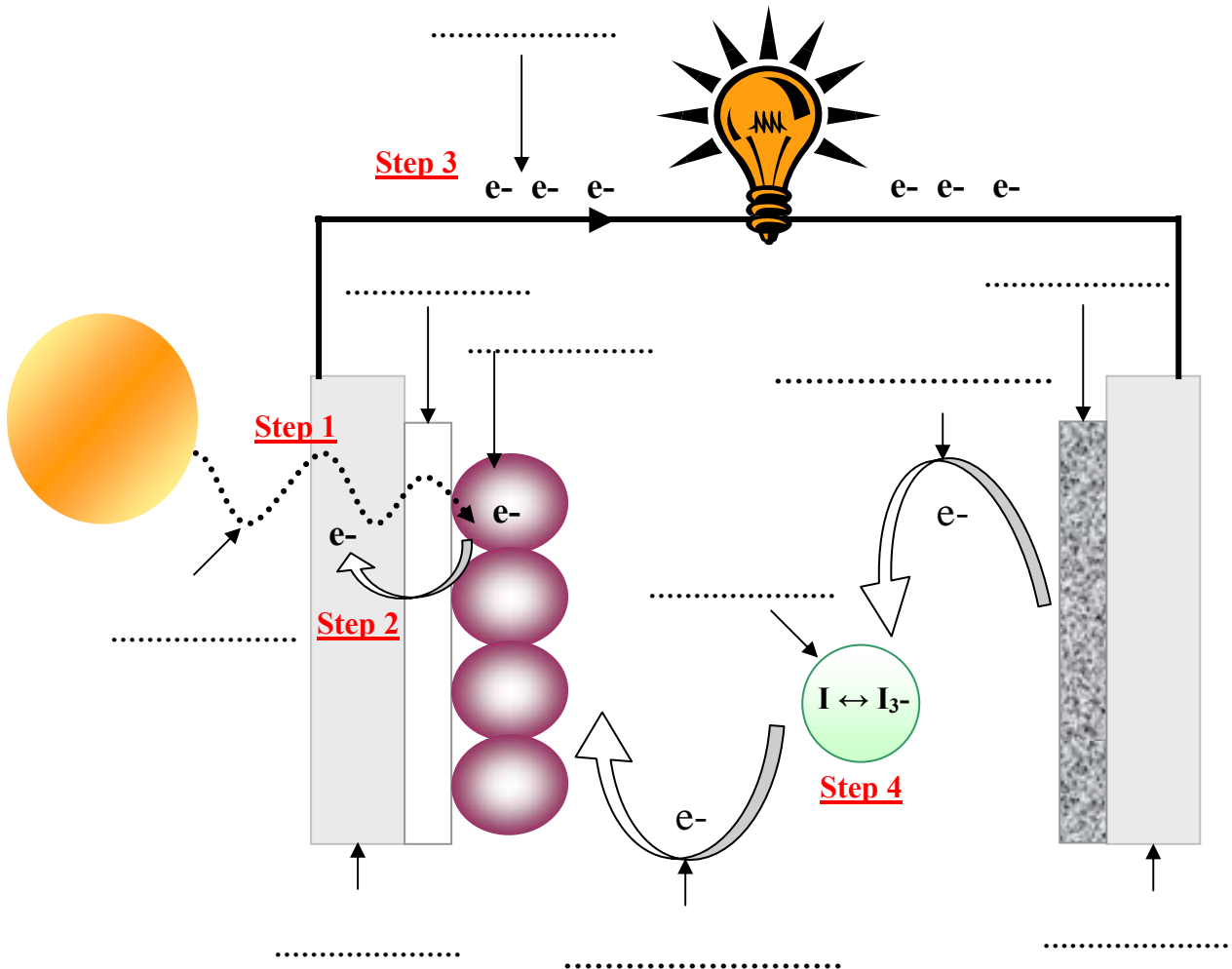


How does a Grätzel Solar Cell Work?

1. Below is a diagram of a magnified working Grätzel solar cell. Fill in the missing ten spaces using the given list of words below.

Light energy, Transparent negative plate (-ve), Transparent positive plate (+ve), Titanium dioxide (TiO_2) layer, Adsorbed dye molecules, Graphite layer, Electric current, Iodide molecule, Loss of an electron, Gain of an electron.



2. Explain how the Grätzel solar cell works using Steps 1, 2, 3 and 4 on the diagram.

Step 1.....
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Step 2.....
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Step 3.....
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Step 4.....
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