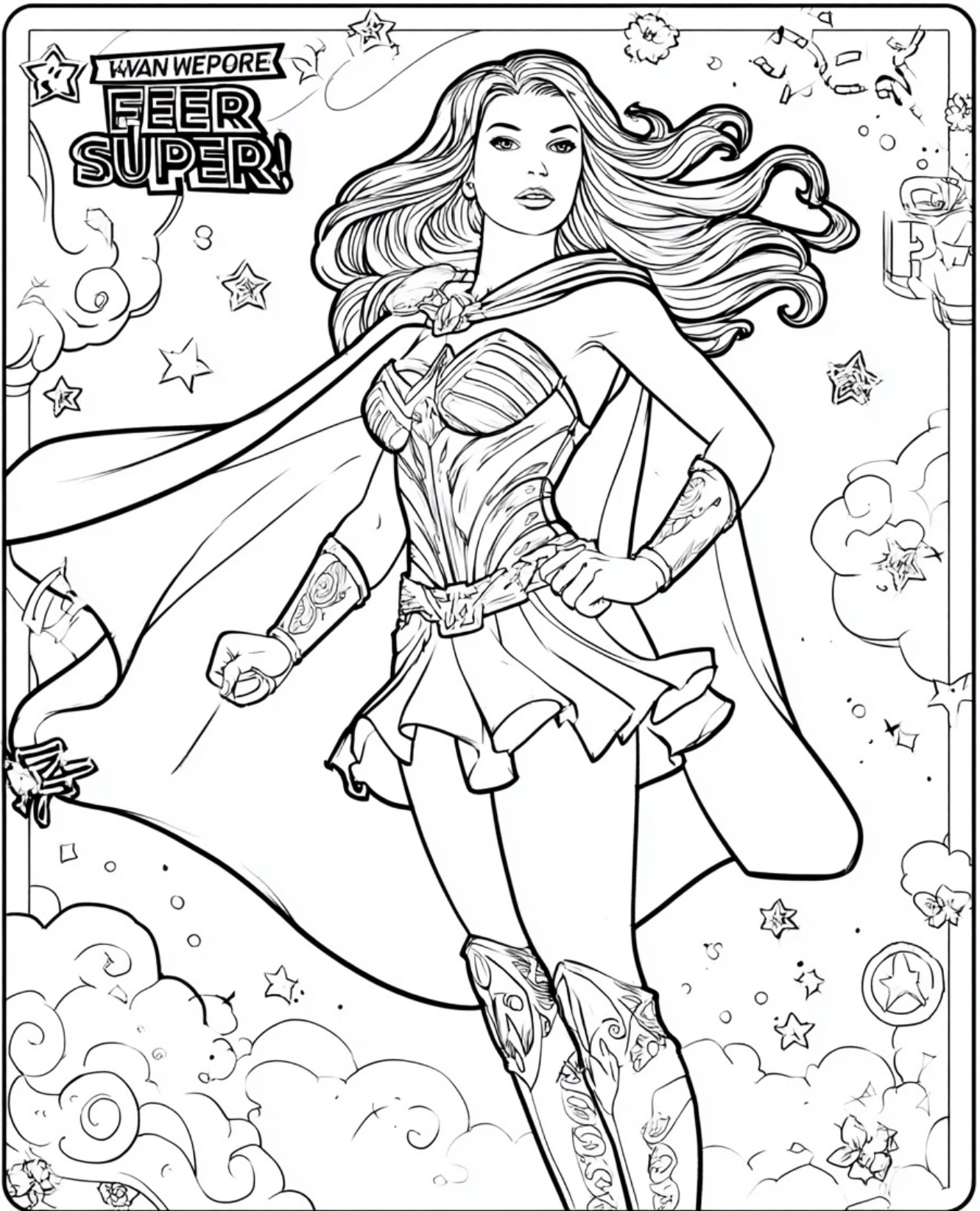




Chlorophyll is a green pigment found in plants and algae. It is responsible for the process of photosynthesis, which converts light energy into chemical energy. The chemical structure of chlorophyll is a central magnesium atom coordinated by four nitrogen atoms in a porphyrin-like ring, with a long phytol side chain.

Let's look at the structure of chlorophyll. The central magnesium atom is coordinated by four nitrogen atoms in a porphyrin-like ring. The long phytol side chain is attached to the ring. The structure is shown in the diagram below.

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