

Photosynthesis 2

Use your notes to fill in the following chart about the steps of Photosynthesis:

| Stage of Photosynthesis | Location | Where in/on the membrane | Factors/Ingredients found in the membrane | Reaction Input | Reaction Output (and where they go) |
|--|----------|--------------------------|---|----------------|-------------------------------------|
| Light Dependent reactions | | | | | |
| Photosystem 2 | | | | | |
| Electron transport chain | | | | | |
| Photosystem 1 | | | | | |
| Hydrogen Ion movement | | | | | |
| ATP Formation | | | | | |
| Calvin cycle (light independent/dark reactions) | | | | | |
| CO ₂ enters the cycle | | | | | |
| Energy input | | | | | |
| 6 Carbon (glucose) sugar produced | | | | | |
| 5 carbon molecules regenerated | | | | | |