Once upon a time  
in a chloroplast  
The sun split some water  
And excited an electron  
In the thylakoid  
The thylakoid  
The thylakoid membrane membrane  
It's sent to PS 2  
And down the ETC  
To Photosystem 1  
And loses energy  
H plus come in  
H plus come in  
H plus come in in in in in in  
  
Then the light hits PS1  
Giving the electron energy  
And once again it goes  
down the ETC  
  
  
And then it makes some NADPH  
and the hydrogens go out  
Through the ATP synthaze  
To make some ATP  
This is called light dependent  
It needs light to work  
Now we move to dark reactions  
Before it starts all over again  
OOOOHH  
OOOOOHH  
PHOTO-SYNTHESIS  
OOOOHHH  
OOOHHH  
PHOTOSYNTHESIS  
  
  
It goes on to the stroma  
For the Calvin cycle  
ATP, NADPH  
And lots of co2  
To make glucose  
To make glucose  
To make glucose cose cose cose cose This is the second part  
Of photosynthesis  
It's called a dark reaction  
Because it can work  
Without light  
Without light  
Without light light light light  
  
  
The CO2's reused  
as 5 c molecules  
Adds one to make 6  
It's really unstable  
HEY  
  
The 6 C molecules divide  
To make two 3 C ones  
They are called PGAL molecules  
and then they both combine  
The PGALs form the glucose  
That's how plants make food  
And then after that whole process  
It starts all over again  
OOOHHH  
OOHHHH  
PHOTOSYNTHESIS  
OOOHHH  
OOHHH  
PHOTOSYNTHESIS  
  
it's all thanks to  
The chlorophyll  
It absorbs the light  
And makes this work  
Constantly  
YEAAHHHHHHH  
  
we all need photosynthesis  
It makes our oxygen  
It also makes our glucose  
That's how we get sugar  
it all starts with some sunlight  
It's the source of energy  
Without this process we'd all die  
We'd be lyin' on the cold hard ground  
OOOHHH  
OOHHHHH  
PHOTOSYNTHESIS  
OOOHHH  
OOOOHHH  
PHOTOSYNTHESIS  
we all need photosynthesis  
Without it we'd all die  
Thank God for photosynthesis  
PHOTOSYNTHESIS