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