

THE RELATIVITY RAP [feat. MC SQUARED]

Words by John Hinton
Music by John Hinton and Jo Eagle

Ja, you'd better come prepared
This is MC Squared
Here to tell you that relativity
Need not make you scared
Ich bin the crazy-haired rapper who has dared to declare
That the E is the M to the C to the square.
This is energy-mass equivalence –
There's no ambivalence –
It's a theory that has been confirmed by all available evidence
I'll set the world aflame with my outrageous claim:
There is no such thing as a fixed reference frame.
I'm gonna give reality a brand new face,
Gonna communicate my case, gonna prove it to be true.
I'm gonna lay before you a theory of space...
Und it's about time too.

The Special Theory of Relativity
States that what's true for you might not be true for me.
I'm laying down the law and I'm making it rhyme:
The speed at which you're travelling affects both space and time.
Let's give two twins identical clocks,
And send one off into space while the other darns his socks,
And on the day the spacefaring twin has returned,
One quick check of their clocks will confirm
That the travelling twin is younger than the one who stayed at home;
Time is not set in stone.

Okay I need you to copy these hand gestures now, they go like this:

E equals M to the C squared,
Gimme E equals M C squared, everybody now,
E equals M to the C squared.
Gimme E equals M C squared.

The General Theory of Relativity
Explains what's really going on with gravity.
Though Newton would be mad at me, it's not a force at all:
It's the warping of space-time that causes things to fall.
If you do the necessary calculations you'll observe
Mass causes space to curve.

E equals M to the C squared,
Gimme E equals M C squared, everybody now,
E equals M to the C squared.
Gimme E equals M C squared...

