

Evidence and Inference

Chorus:

Evidence and inference, you've got to know the difference
We need them both for what we do, but we cannot confuse the two

Evidence – it's just the cold hard facts

Evidence – only your observations

Evidence – what you see, hear, or feel

Evidence - you've got to keep it real

Chorus:

Inference – what you think your data means

Inference – it's your interpretation

Inference – backed up by the facts you've seen

Inference – we'll see if scientists agree

Chorus:

Inferences can lead to science discoveries

But only if they're tested, check out your data carefully

When ideas and data match-up and other scientists agree

By repeating your experiment and now you solved a mystery

Chorus:

Evidence and inference and now we know the difference

We need them both for what we do and we will not confuse the two