the necessiy of inf in current standard curriculum

options for non believer, let down by intuitionists, finitists, so .. understand the 'way of thinking'ninstead of accepting

usefulness + computers

applying finitist to infinite, one definite step, meta task, exhaustion,

russell proof about n0 not inductive, what about one to one, why is it justified, grounded again in seklective extrapolation of human experience

exchange versus count (history) why is count predominanf

goal ... to establish fo8ndations, doubt, is it a foundation, or extension in reverse direction? (wiggenstein, cantor, interest souces) (accept next most obvious faced by the infinity problem: extrapolate the next possibilty: one to one) one cannot build without foundation, is infinitesimal call the foundation for the foundation? (mention kline'S book). crucial step to continue with 'standard' and promises of 'will be explained later'(zeilberger's friend), note about 'cranks' later do we needsncantor's set theory (paper)

axiomatisation as a experience belief extractor, arbiter (dan's website)

psychology ofninfinity (papers) versus the artificial necessiy (time,space) and the actual usefulness of degenerate ideal transf (inaceeptable 'as good as' source?)

crank: easy to attack, hard tondefend, need help from sbdynin majoriy, but .. majoriy ...a sign of uncritical thinking or having been there and resolvdd it ... the ppl who do not call names. so majoriy should be very careful in calling names buf cintradicts majoriy. (wittgenstein convince quote) when there is need and no need of discussion

unavoidable turn to philosophy (early! ussell's into paper and set theory exercises) but need to want to try to understand (e.g critiques hands vs humans of no value) (source:http://philoonline.org/library/quminski 5 2.htm)

give analogy examples for some points talk a but about each paper (footnote?) quote

http://www.jstor.org/discover/10.2307/3481965?uid=3737864&uid=2460338415&uid=2129&uid=2&uid=70&uid=4&uid=83&uid=63&sid=21101515942501 (The Intuition of Infinity

E. Fischbein, D. Tirosh and P. Hess Educational Studies in Mathematics Vol. 10, No. 1 (Feb., 1979), pp. 3-40)

quote: mental model (find paper)

quote 'symbol game', which turns to forced 'educational intervention' belief, turns to creative handicap, accept but cannot use.

quote doubts of cantor, changes of russell, embracement of symbol game -> useful to cantor/russell, handicapping now for 'students' after the transformation to 'foundation'

next one: logical necessity resolution by invariance of experience, any exp leads to that,

chemical necessuty (flies to bulb) to genetic hard coding? (some humans follow bulb) but still essential for any organism's survival	