Theory groups seminar plan:

Remember; don’t treat this as though the first presentation was ‘seminar part 1’, a brief summary of what was said then is still relevant.

*5 minutes each*

* Jamie: star formation rate density (calculation and result), luminosity function, rate of reionizing photons etc and a brief mention of the Schechter function we used.
* Josh: Parameter evolution complete with graphs- which is the best fit? Don’t forget to explain briefly what the parameters are and perhaps why we’re including their evolution.
* Owen: How we will use the rate of reionizing photons ie why we want to know this in the first place; how does it give us a lower z limit?

Also higher z limit: Jeans mass for collapse/ galaxy formation- Press-Schechter formalism? Mass to magnitude.

* Andy: Flow chart of program, outputs of program, graphs of visible and total galaxies. Plot: number of galaxies against z, magnitudes vs z, absolute magnitude vs apparent magnitude...?
* Lewis: Cosmic variance (of course!)- briefly explain what it is, how to include it, how it would affect the results, number of sightlines, aspect ratio, error on number etc.

Gravitational lensing? Clumping?

* Beth: Introduction and conclusion.

Escape fractions and star formation rate density, how people find it; methods.