

What should be the order of things on an introduction to pure mathematics module?

I want to produce a resource that has a narrative and includes the following topics:

Sets, logic and proofs, numbers (irrational, integers, rational, ...), binomial theorem, geometric series, inequalities, define things like identity, polynomial, symmetry, sigma and product notation.

It is in aid as an introduction to a number theory module.

How should I order these so that the end document has a narrative and is coherent, not just disjoint set of topics?