

When to use Agile	When to use waterfall / Gantt / APM / PMP
Spec is unclear	Fairly or very clear spec at the start
Customer won't know spec till after one or more phases - iterative design process	Spec can be agreed at the start with only small changes, or definite separate initial scoping phase or definite second 'final adjustments' phase
Task times or costs cannot be listed or estimated	Times and costs estimate-able within a range
Budget and timescale are not strongly defined	Fixed budget and or fixed timescale <u>must</u> be achieved
Tasks / deliverables are parallel - minimal dependencies	Most parts of the project depend on others so HAS to be done in the right order
Plan is going to change a lot	Plan is going to change only by small amounts in a controlled way (signed for)
Customer accepts the risk and is prepared to pay for it	PM is taking the risk - price is fixed, or increases will have to be negotiated
Cost is low - doubling it won't be significant	Large projects where cost forecasting is vital
Software projects where fundamental changes can be made at any time	Projects which have to be done correctly from the start - later changes are much more expensive
When you need to get a first prototype out quickly	When you don't want a poor first prototype to tarnish your reputation