Waterfall Model	**Iterative Model**	**Spiral Model**	**V Model**	**RAD Model**
The Waterfall model is *simple and easy.*	It's *simple and easy*.	The spiral model is a *more complex.*	*Easy to Understand.*	C
The waterfall model works in a *sequential method.*	The iterative model works in an *incremental method*	While the spiral model works in the *evolutionary method*.	It is also a *sequential method.*	It's also an *incremental model.*
Flexibility to change in waterfall model is *Difficult.*	Flexibility to change in incremental model is *Easy.*	Flexibility to change in spiral model is *not Difficult.*	Flexibility of V-model is *Little flexible*.	This model is *flexible for change.*
Waterfall model is *comparatively inexpensive.*	Cost of incremental model is *low.*	While cost of spiral model is *very expensive.*	Cost of V-model is *expensive.*	Cost is *low.*
The waterfall model is applicable for *small projects.*	It's also used for *large project.*	The Spiral model is used for *large projects*.	Applicable for *small projects*	Not appropriate to handle the *large project*
In waterfall model requirements and *early-stage planning* is necessary.	Iterative model requirements and *early - stage planning* is necessary.	While in spiral model requirements *and early - stage planning is necessary* if required.	While in spiral model requirements and *early-stage planning is necessary* if required.	*No early-stage planning.*
It requires *least maintenance.*	Its *maintainable.*	It requires *typical maintenance.*	Its *maintenance is less.*	*Easy to maintenance.*

Time frame is *very long.*	Time frame is *long.*	Time frame is *long.*	Time frame is *long.*	*Short time* frame.
No overlapping phase.	Overlapping *phase is there.*	*No overlapping* phase.	*No overlapping* phase.	Overlapping *phases is there.*
After completion of development phase, the testing will start.	*After every iteration* the testing will start.	At the *end of engineering phase*, the testing will start.	*After completion of development* the testing will start.	*After completion of development* the testing will start.
It's based on *linear framework* type.	It is based on *linear and iterative framework* type.	It is based on *linear and iterative framework* type.	V-model's steps *don't move in linear* way.	It's based on *linear framework* type.
There is *high amount risk* in waterfall model.	There is *low amount risk* in iterative model.	There is *medium to high amount risk* in spiral model.	There is *high rigid* in v model.	There is *low amount risk* in RAD model.
Reusability is *extremely unlikely.*	To a *certain extent, reusability* is possible.	To a *extent, reusability certain* is possible.	Reusability is *possible.*	Reusability is *possible.*