Table of Contents

What Are the Differences Between Scrum and Kanban?

For folks that are into the details of these two methods. They clearly come at the problem of managing knowledge work from different perspectives. The following table provides a clear breakdown of these differences:

Scrum	Kanban
Time-boxed iterations prescribed	Time-boxed iterations optional. * Can have separate cadences for planning, release, and process improvement. * Can be event driven instead of time-boxed.
Team commits to a specific amount of work for this iteration (Sprint)	Team commits to work when it is brought to the board for execution
Uses velocity as default metric for planning and process improvements	Uses lead time as default metric for planning and process improvements
Cross functional teams prescribed	Cross functional teams optional * Specialist teams allowed
Items must be broken down so they can be completed in an iteration	No item size is prescribed although small(-er) sized work is highly recommended
Burn down chart is prescribed	No diagram type is presecribed
"Change agent" is "commitment"	"Change agent" is "WIP limits"
WIP limited indirectly * Per iteration	WIP limited directly * Per workflow state
Estimation prescribed	Estimation optional
Cannot add items to ongoing iteration	Can add items whenever capacity is available
Prescribe 3 roles * Product Owner * Scrum Master * Team	No prescribed roles
Prescribes 4 events * Planning * Daily Scrum * Review * Retrospective	No prescribed events
Scrum board is reset between each iteration	Kanban board is persistent
Prioritized backlog is prescribed	Prioritization is optional

FAQ, Scrum, Kanban

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