



## Exploring Scrum Team Performance

Blake McMillan

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# Blake McMillan

Blake is a full time Trainer at Improving, a Professional Scrum Trainer with Scrum.org, and a Professional Kanban Trainer with ProKanban.org.

Courses taught by Blake:



He is the creator and blogger for [SoulofScrum.com](http://SoulofScrum.com) and is an experienced facilitator, public speaker, and creator of Agile games.

## Connect with me

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- [www.soulofscrum.com](http://www.soulofscrum.com)

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# Learning Objectives

Exploring Scrum Team Performance

- Review of metrics commonly used for Scrum teams
- Discuss what makes metrics useful
- Discover indicators for Scrum Team performance
- Decide how to use this at work

# Why use Scrum?

Exploring Scrum Team Performance

- Addressing the complexity of product delivery
- Work on the right thing...at the right time...all the time.
- Incremental delivery of highest value to your customer.
- Fast feedback from your customer and rapid learning
- Respond quickly to changes in business conditions

# What is the primary measure of performance?

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## From the Scrum Guide...

- The entire Scrum Team is accountable for creating a valuable, useful Increment every Sprint.
- Sprints are the heartbeat of Scrum, where ideas are turned into value.

# What is the primary measure of performance?

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## Delivering Value – Agile Principles 1, 3, & 7

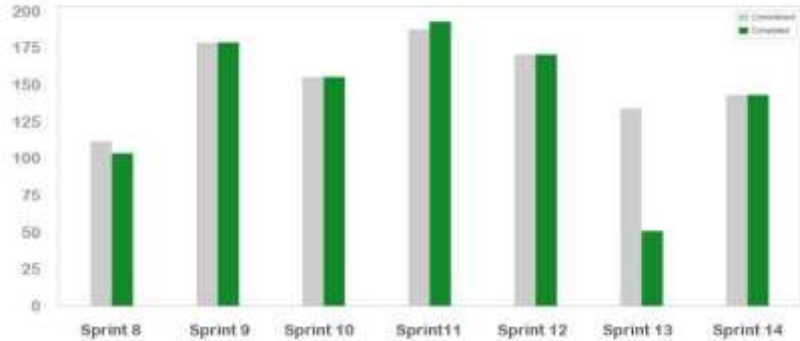
1. Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.
3. Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
7. Working software is the primary measure of progress

# Common tools used....

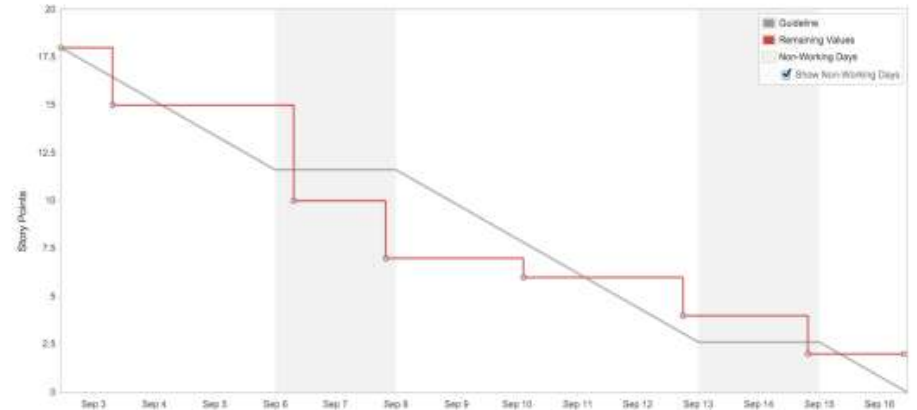
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Velocity Chart Switch report =>



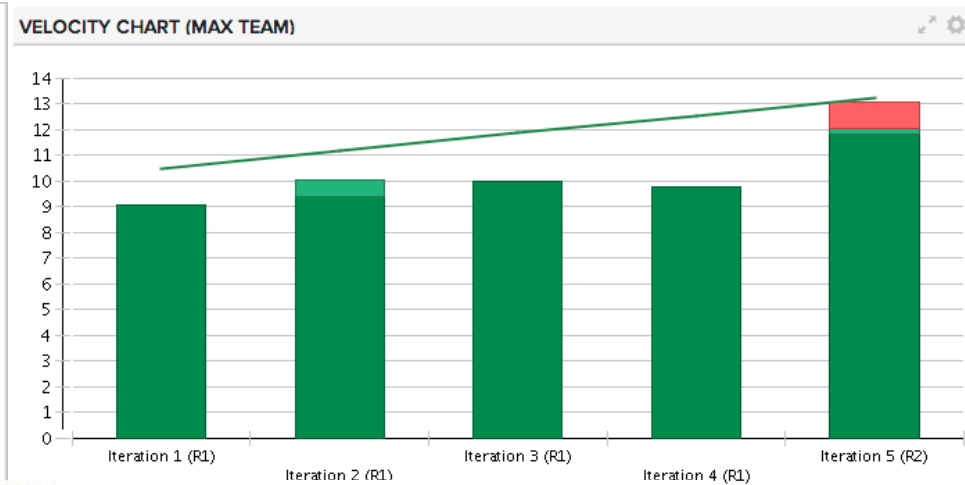
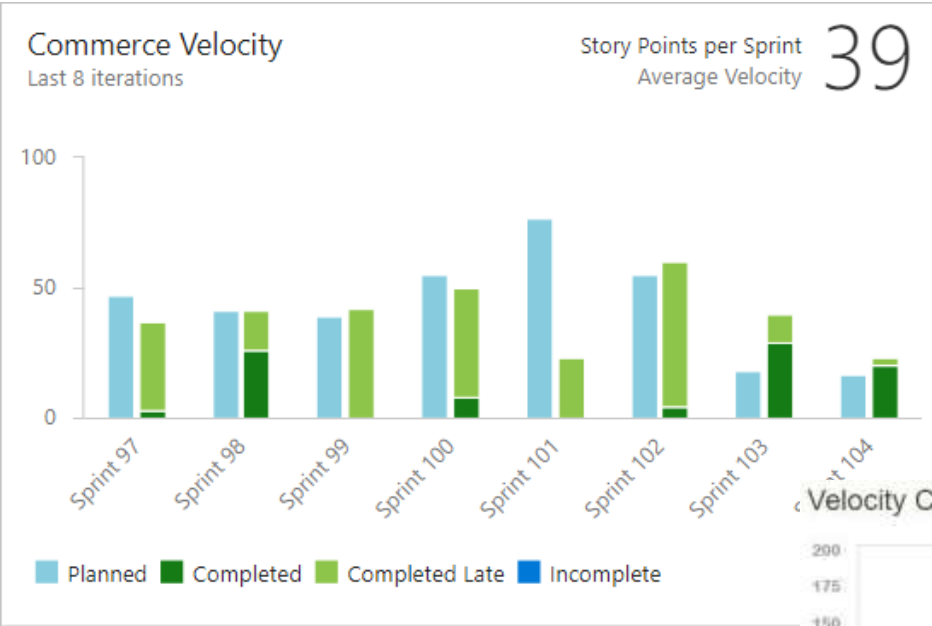
Burndown Chart Sample Sprint 1



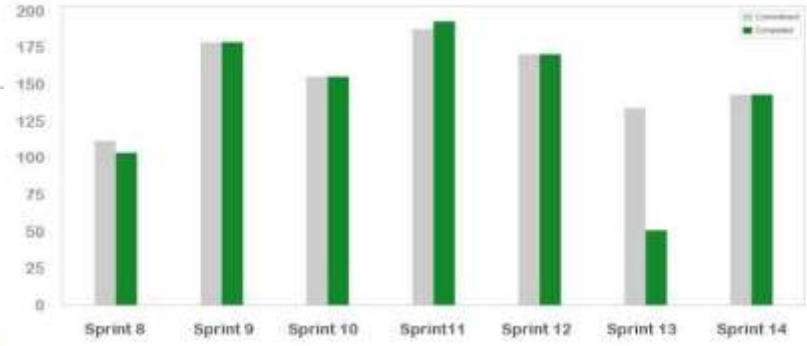


# Scrum Team Metrics – Velocity Chart

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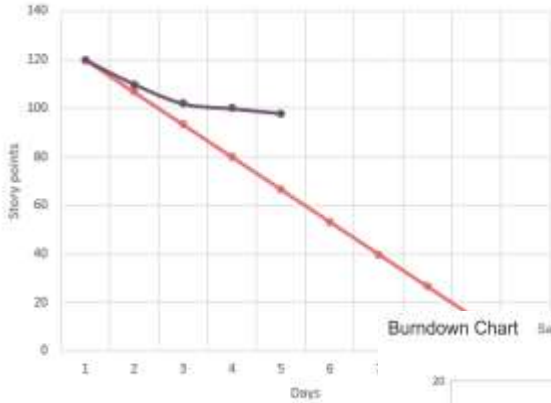
Velocity Chart [Switch report +](#)



# Scrum Team Metrics – Burndown Chart

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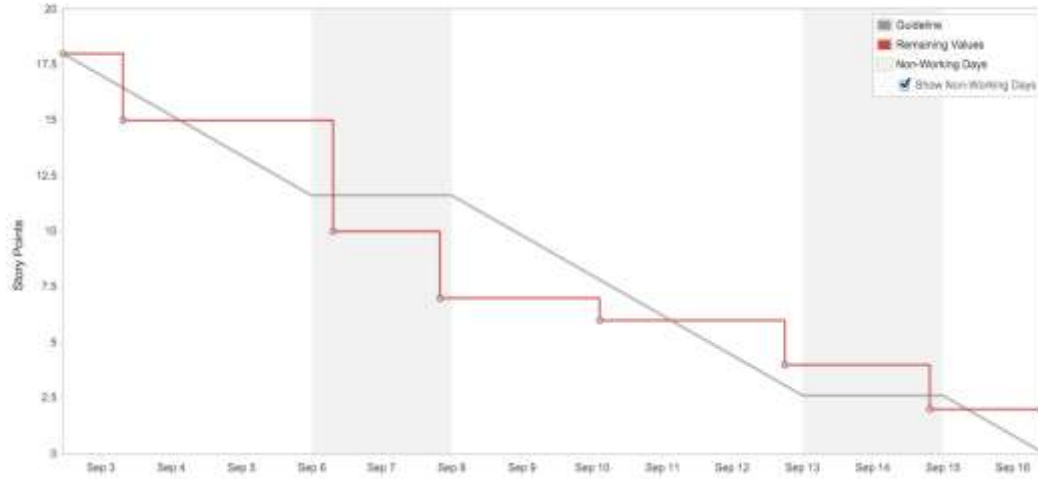
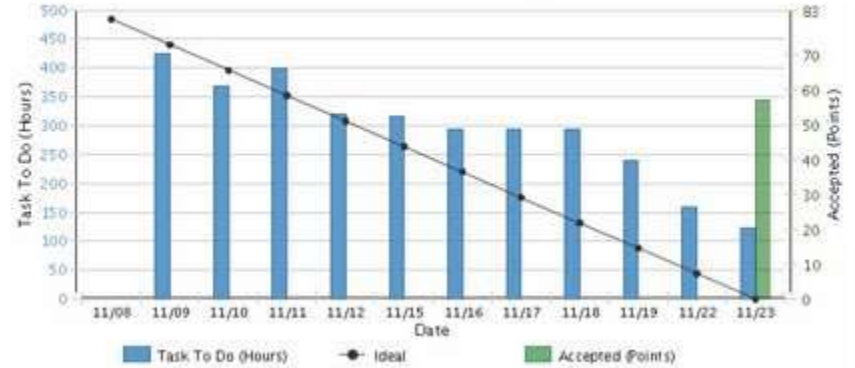
Burndown chart



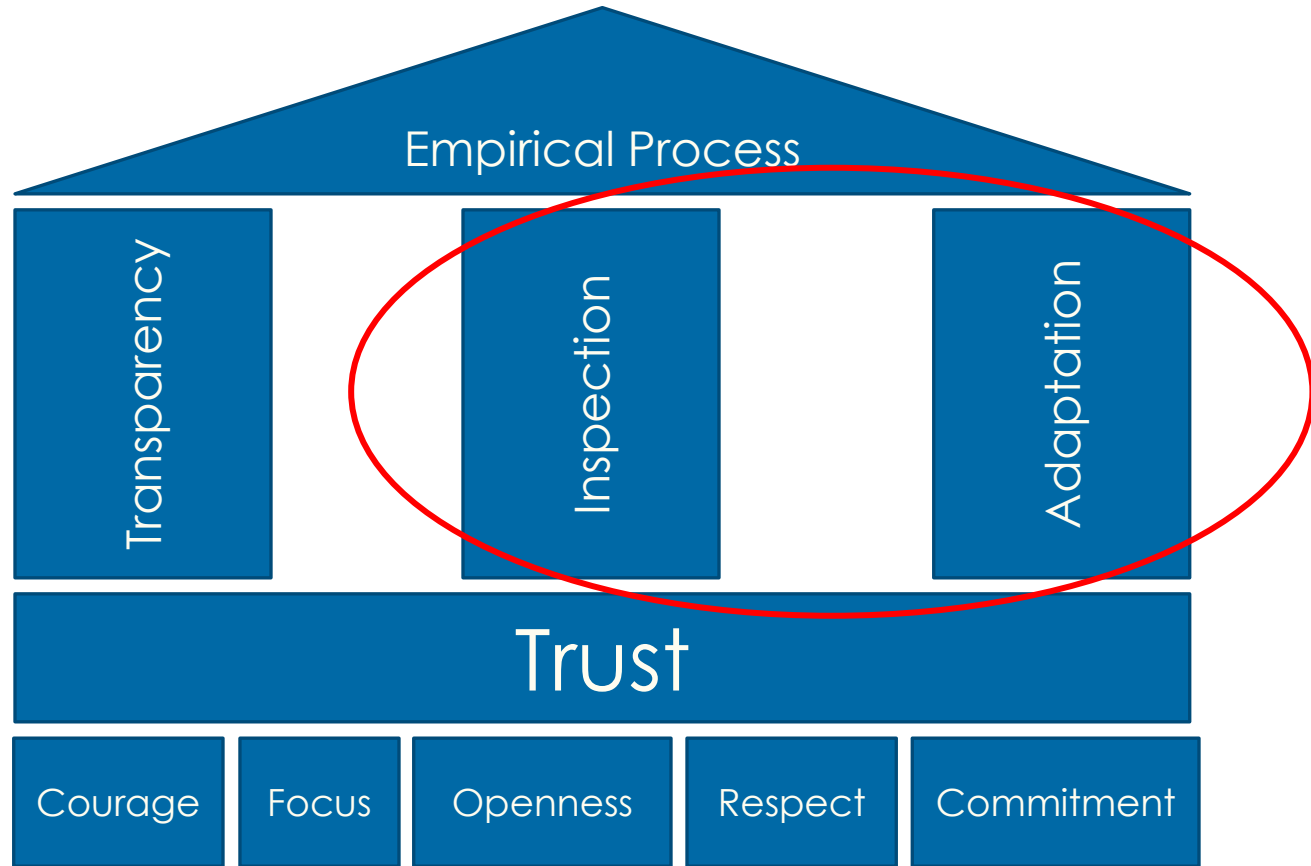
Burndown Chart Sample Sprint 1 -

Iteration Burndown

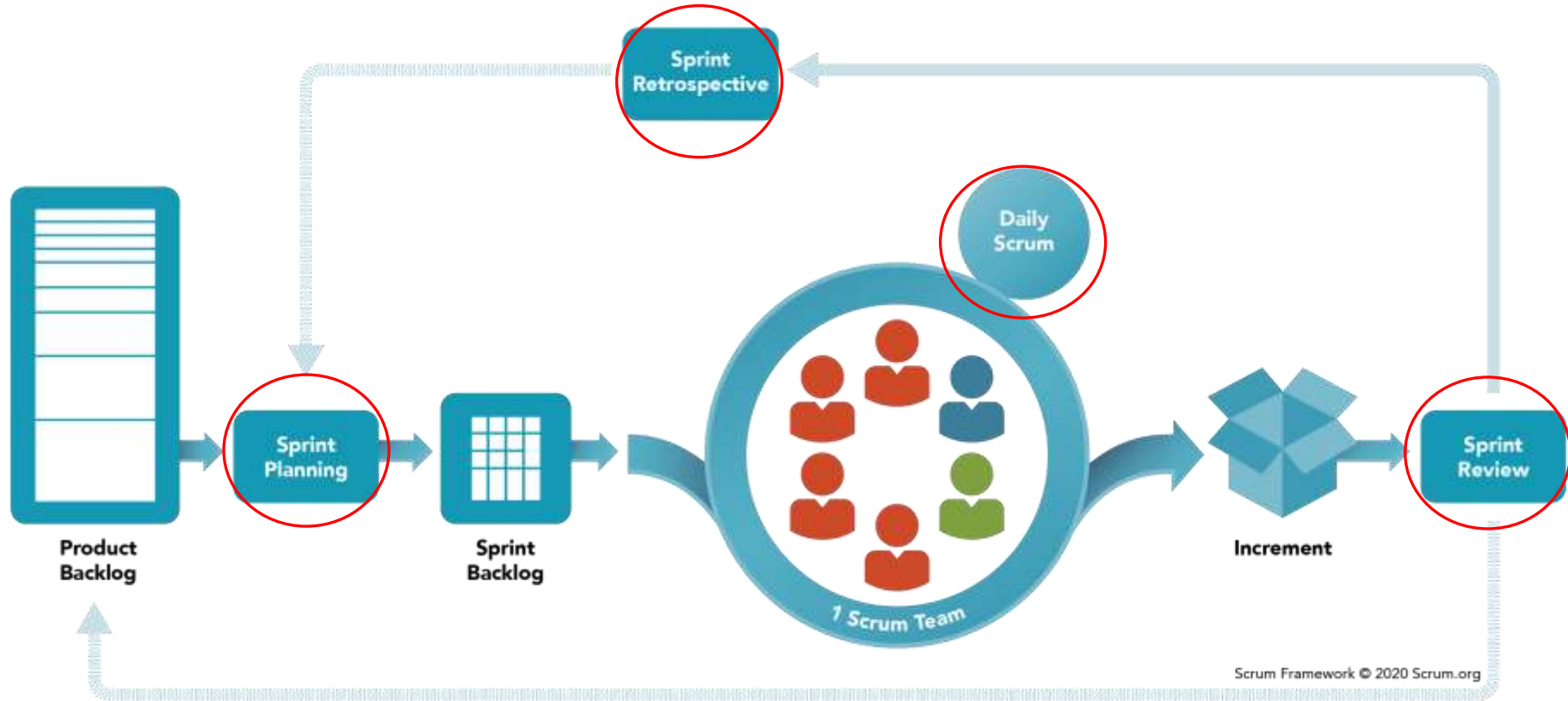
Sprint 2



# What are metrics good for in Scrum?



# How can we use Scrum events to inspect performance?



<https://www.scrum.org/resources/what-is-scrum>

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# Before we continue...



...these should NEVER be used against the Scrum Team...but instead used by the Scrum Team for the Scrum Team's Improvement.

# Sprint – Limit risk, get feedback, establish rhythm

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Measure	Description
How was work today? 😊 or ☹️	Team Health...look for trends. Have conversations. Review in the Sprint Retrospective...maybe?
Cumulative OT for the Sprint	Sustainable pace?
Changes to Current Sprint	How many PBIs are added or removed after the Sprint has started?

# Sprint Planning – Plan to deliver value during the Sprint

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Measure	Description
# of No Shows	Scrum team members not showing up to Sprint Planning reduces planning effectiveness
Sprint Goal created? Y or N	Lack of Sprint Goal could indicate issues with PBI granularity or cohesiveness
Useful Sprint Backlog created?	Is work for PBIs broken down so that the Developers can see changes in progress during the Daily Scrum and sum remaining work?

# Daily Scrum – Daily Plan to achieve the Sprint Goal

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Measure	Description
# of No Shows	Developers not showing up to the Daily Scrum reduces planning effectiveness
# of Late Arrivals	A measure of focus and respect the team has for itself
# of Tasks that rollover	Focus, commitment, and collaboration...request for help before the Daily Scrum?



# Sprint Review –Stakeholder and Scrum Team Collaboration

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Measure	Description
# of Customers/ Stakeholders invited vs attended	Engagement measure by attendance of those outside the Scrum Team
Business results shared? Y or N	Did stakeholders share business impact of previous increments? If not, why?
# of changes to PB	Additional PBIs? Changes to PB order?

# Sprint Retrospective – Scrum Team Continuous Improvement

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Measure	Description
# of No Shows	Scrum team members not showing up to Sprint Retrospective reduces effectiveness of continuous improvement idea generation and analysis
Improvement identified? Y or N	Do we have an Improvement to focus on during the next Sprint? Trends?
Team NPS	Would you recommend joining this team to a close friend?

# So what now?

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# Is that all there is?

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No...this material is presented as an interactive workshop that invites high levels of engagement and participation.

However, I want to provide the metrics we discuss since I don't print out hand-outs of the material.

If you would like me to facilitate this workshop for your organization reach out to me:

- [www.linkedin.com/in/blakemcmillan](https://www.linkedin.com/in/blakemcmillan)
- [www.soulofscrum.com](http://www.soulofscrum.com)

# Exploring Scrum Team Performance

# Thank you!

## Connect with me

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