

Improving Safety in High School Workshops

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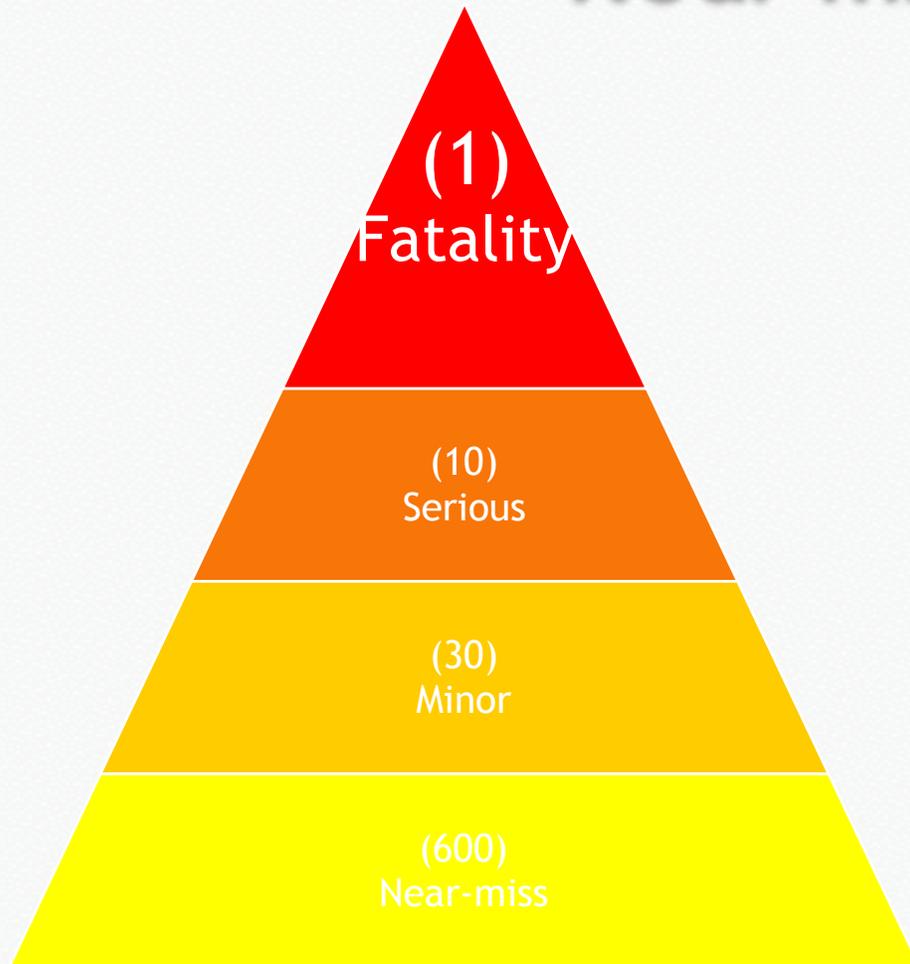


Why?

How do we know our school workshops are safe?



Near-miss Incidents



Model by Frank E. Bird (1969)

Project Goal

Key Performance Indicator	Baseline 2014-2015	June 2016	June 2017	April 2018	June 2018
Percentage of high schools keeping track of near miss incidents and ensuring proper follow-ups	0% (0/10)	10% (1/10)	40% (4/10)	60% (6/10)	100% (10/10)

Mapping the Process

High School Shop Safety process

District scolaire francophone Sud



Ensuring Near-miss Follow-ups

Risk Noted A risk has been noted (near-miss, dangerous behavior, injury, faulty equipment...).	Action Taken An action has been taken to resolve the situation.	Issue Resolved The situation has been resolved.
		

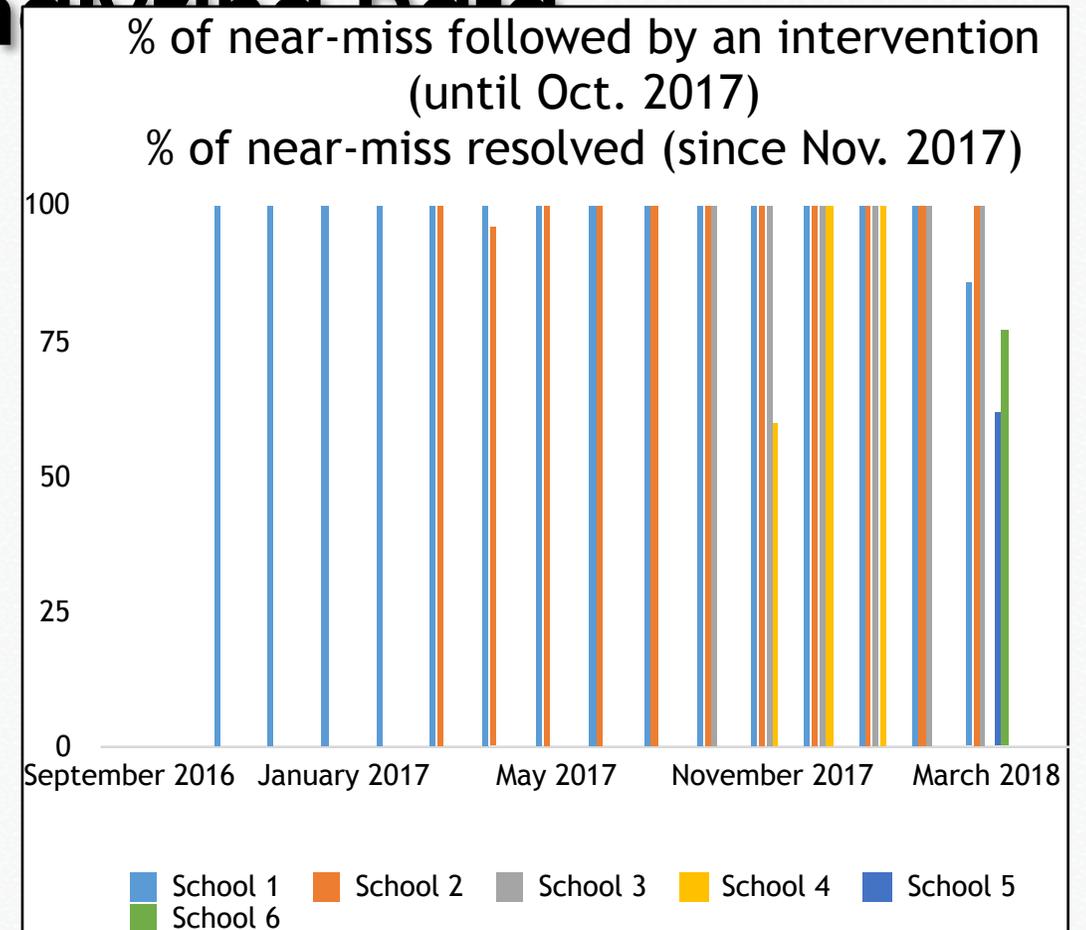
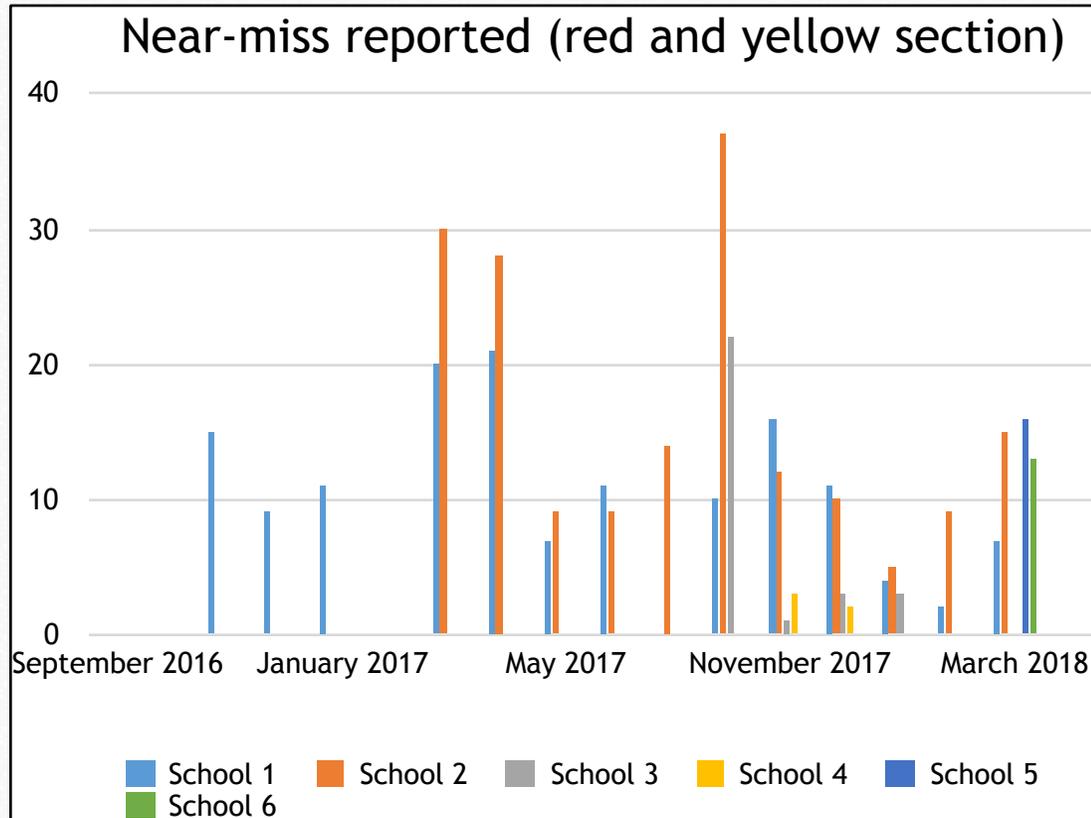
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Collecting and Analyzing Data

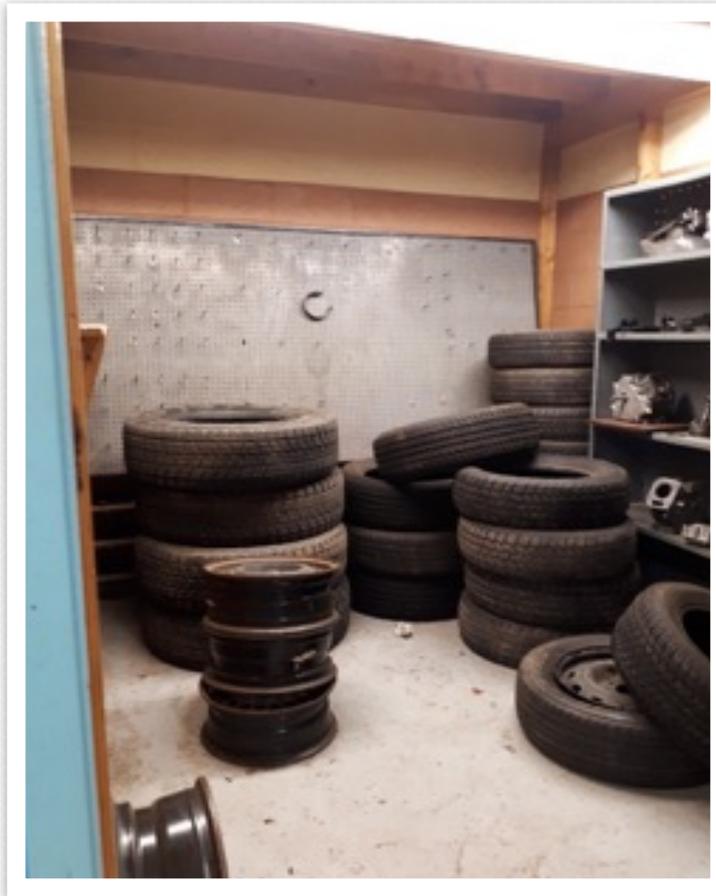
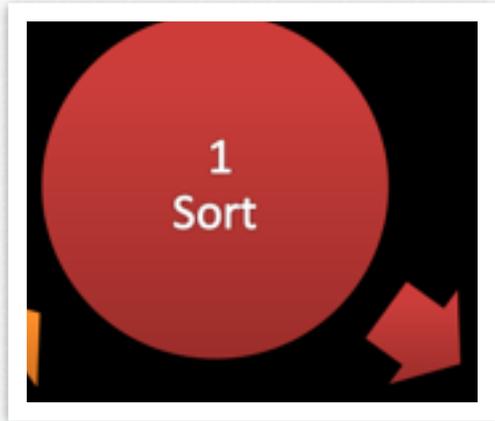


Ensuring a cleaner, safer work environment



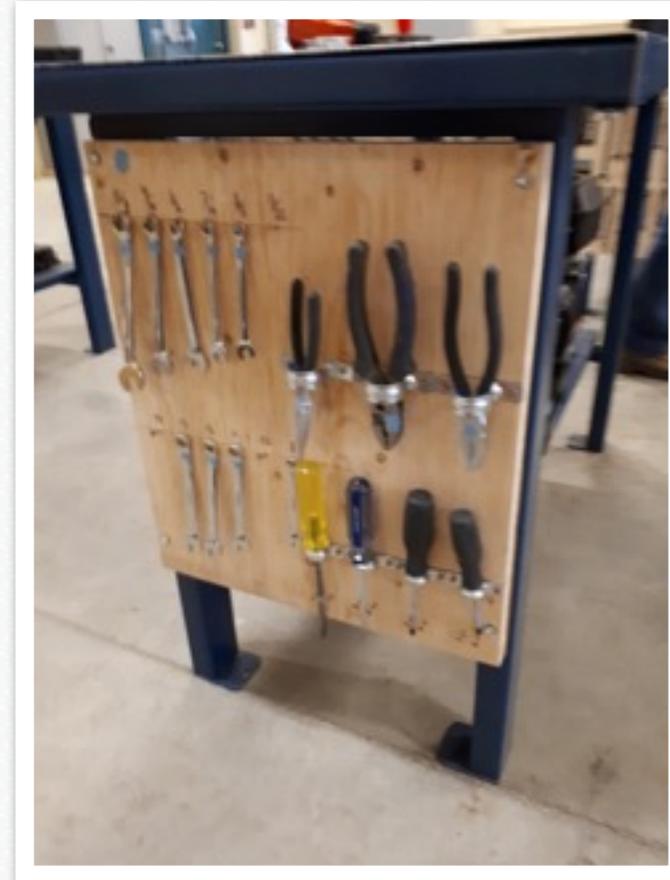
https://upload.wikimedia.org/wikipedia/commons/e/e5/5S_methodology.png

Is it necessary?

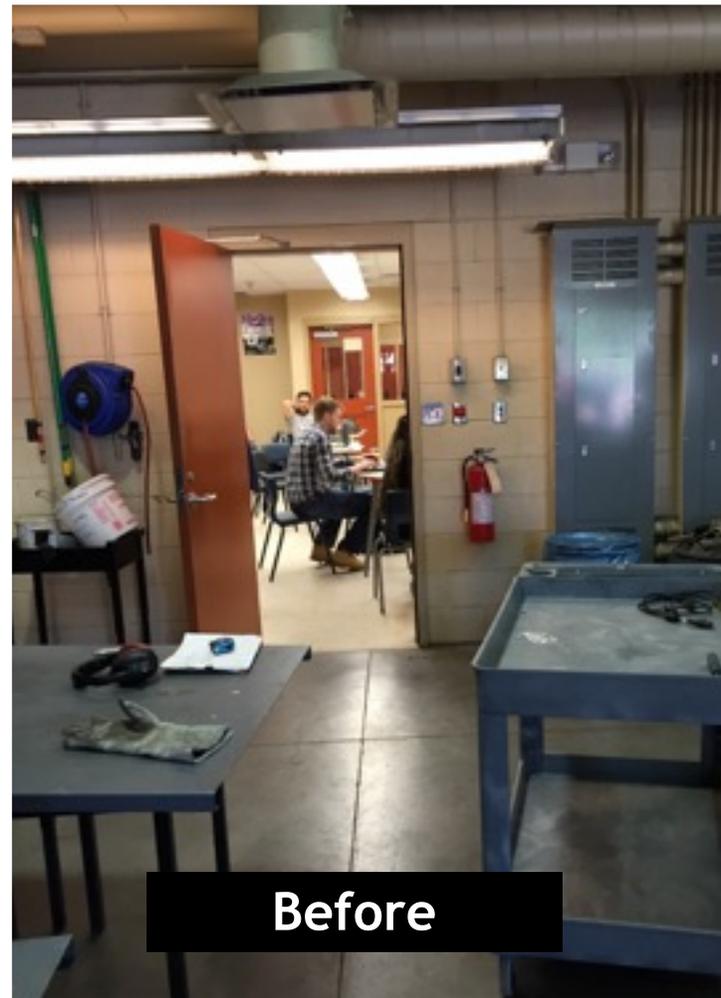


A place for everything and everything in it's place

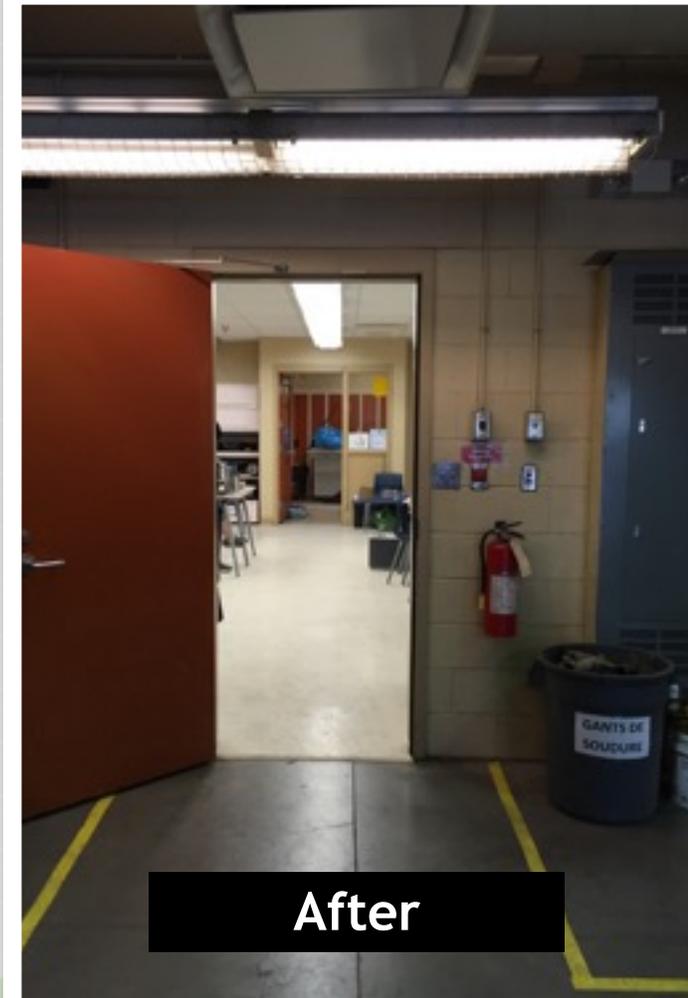
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Set in
order



Decluttered and organized is easy to clean

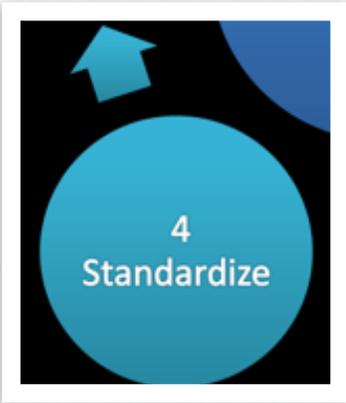


Before



After

Visual aids, checklists, reminders...



Nettoyage à la fin du cours

 Vider	 Ramasser	 Balayer & ranger
 Serrer les outils	 Rangé le bois	 Recharger
 S'entraider	 Nettoyer 7 min	 Inspecter
		 Féliciter

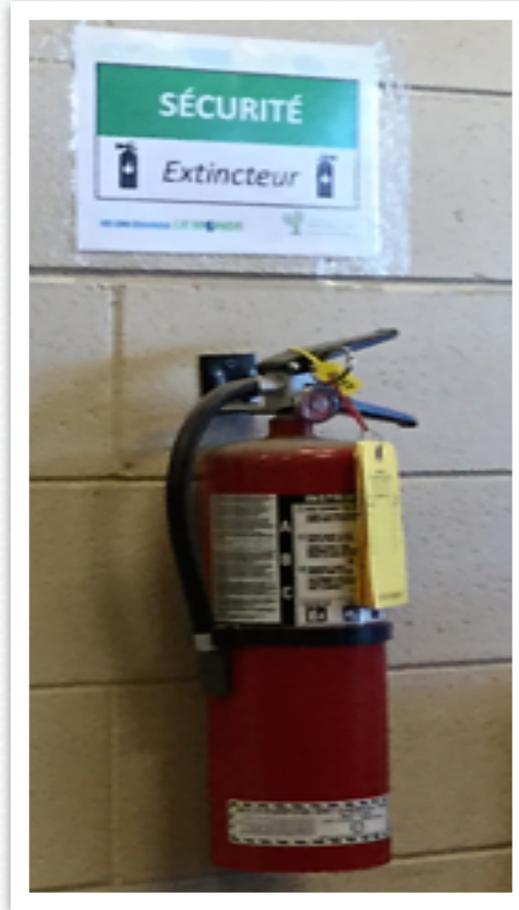
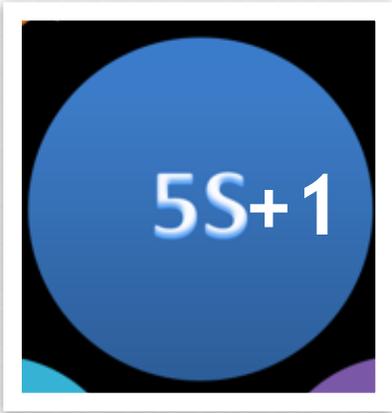
CHARPENTE

 BOTTES OBLIGATOIRES	 LUNETTES OBLIGATOIRES	
 CASQUE OBLIGATOIRE		
 Bouchons d'oreilles		
 FUMER EST INTERDIT	 DROUES INTERDITES	 BOISSONS INTERDITES
 CELLULAIRE INTERDIT	 ÉCOUTEURS INTERDITS	 VÊTEMENTS SACS INTERDITS

ICI ON CHANGE LE MONDE

District scolaire francophone Sud
Apprentis Charpenteurs

Focus on safety



Understanding the Initial State

- 10 Schools
- 22 Teachers
- Variation
 - Perception of risk and near-miss follow-ups
 - Interpretation of guidelines and regulations
 - Equipment and infrastructure
 - Shop safety and organisation



Shared Vision

- Safe learning environment for students
- Proactive approach to shop safety :
 - Common understanding of risks
 - Common rules and procedures



Commitment Towards Improvement

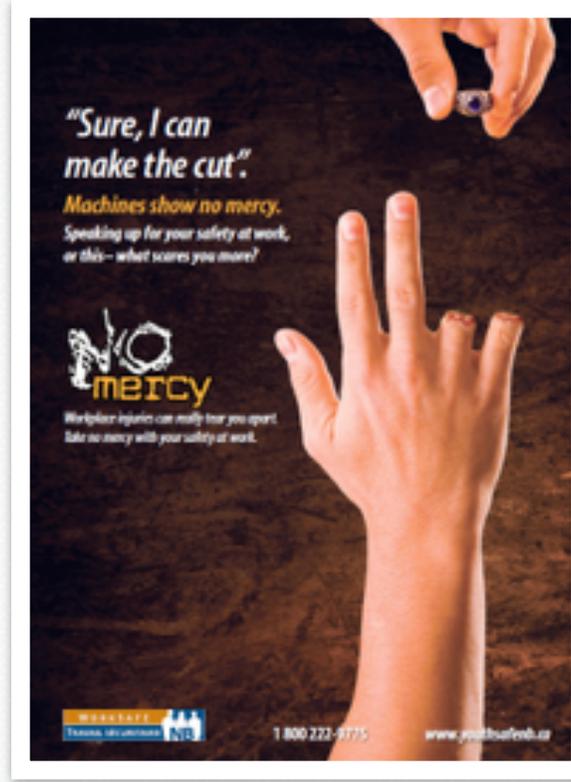
1. School level
2. District level
3. Provincial level



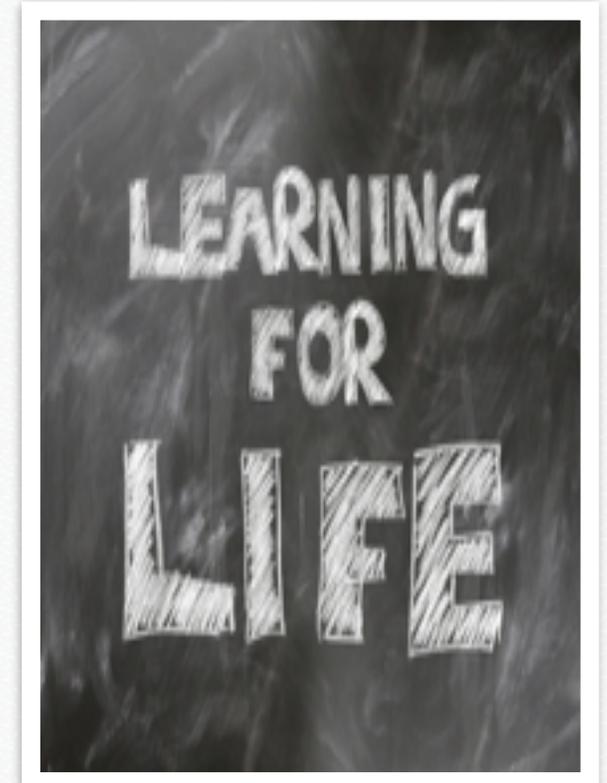
Lessons Learned



Data



Explicit



Learn from mistakes