5S Project Application Areas

The following slides provide a few “Bad Normal” situations chosen by former GMOC students as their 5S application.

• Be sure to read the March 25th Assignment page for preparations specifications on what you are to submit. [http://faculty.darden.virginia.edu/GBUS757/Assignments/class_Lean_5S.htm](http://faculty.darden.virginia.edu/GBUS757/Assignments/class_Lean_5S.htm)

• Select a “bad normal” situation and describe the current state by creating vivid descriptions and accompanying pictures of the application area, activities, and individuals in the situation, and any history of the situation.
5S and Me

“How I became a Lean, Clean, Efficiency Machine”

Bill Boucek, GMOC
My Opportunity

Study or “workspace at home”
A Closer Look

- A lot of clutter
- Clothes on back of chair
- In-Box full of old items
- Bags, binders, notebooks on floor
A Closer Look

- Phone in bad spot
- Box with Christmas gifts
- Books, folders, and old cases on top of credenza
A Closer Look

- Top drawer unorganized
- Unused binders on floor
- Old bag on floor
- Many things have been thrown into drawer as a ‘holding pattern’
• Top drawer full of junk
• In-Box full and unworked
• Old folders and cases on desk
• Hanging hook that was never fixed placed on desk
WHEN GOOD MILK GOES BAD...
NORMAL

Chrissa Pagitsas
Old Fashioned MILK

- Many years ago a woman only needed **MILK** before leaving her house
  - **Money**
  - **Identification**
  - **Lipstick**
  - **Keys**
- They needed to be
  - In the same place
  - Easily accessible
  - Organized
Modern MILKiGABCOG

- Today’s woman needs a place for MILKiGABCOG
  - Money Identification Lipstick Keys
  - iPod
  - Gum
  - Aviator Sunglasses
  - Business Cards
  - Checkbook
  - Outgoing Mail
  - Gym Times
The MILK Stand

- By the front door are
  - an old school desk
  - a bulletin board
  - a backpack

- This area holds everything needed for a day at Darden...

or does it?
Up Close: The Desk
Up Close: The Desk

- iPod charged?
- Why are receipts here?
- Where is the checkbook???
- Incoming or Outgoing mail?
- Wallet is here! Whew!
- Sunglasses may be getting scratched
- Gum, mints... any full?
- Found business cards...how many?
Up Close: The Floor
Up Close: The Floor

Is the backpack even packed?

I found the outgoing mail!

And the article I need to give to Chinesom!
Up Close: The Bulletin Board
Up Close: The Bulletin Board

Not sure why this article is here...

Or what’s in these pockets...

I think this is gym information I am looking for....
Sorting through the MILK Stand

- Getting at the needed MILKicABCOG is not easy
  - There are items with no intrinsic or actual value
    - Old receipts, empty packs of gum
  - There are unknown quantities: business cards
  - There are items with poor quality: is the iPod charged?
  - Items can become defective
    - Scratched sunglasses! Torn, stepped on mail!

- It’s very easy to
  - get the wrong item
  - forget to grab one or more
9:55am

- Oh no! I will be late for school!
- Did I get everything?
- Will I be efficient and productive?
Disorganized Desk

Assorted Disorganization

Chairs Lying About
Unhung Pictures

Disorganized Desk

Assorted Disorganization
Junk Filled File Drawers
Extremely Disorganized Storage Closet
In dire need of:

Sorting, Simplifying, Sweeping, Standardizing and Sustaining...
My bad, bad shoe fetish normal

By
Marjorie Webb
Dear Bob and Raul – do you see this mess? I can’t even wade into my closet without getting attacked by shoes. Every time I touch the door, the cheap rack constantly falls apart. I had a piece of tape keeping it together, but that quick fix has finally broken as well...

Broken!
When the shoe rack breaks, the shoes tumble to the floor of the closet. As well, there are not enough spaces for all the shoes – some of which I never wear. As they pile up on the floor, they get squished by me when I hop in there to get a coat.
It is a messy nest of shoes, bags and old shoe boxes. I need to rectify this situation as it impedes my progress to get other items and it is a challenge to find the specific shoes that I want. I need to implement the 5 S immediately and find some order and get rid of the clutter.
Bob’s Basement Area – 5S?
Bob’s Basement Area – 5S?
Helen’s (Bob’s wife) Basement Area – 5S!
Tim’s 5S Project: My Laundry Room
Badnormal Situation Overview

- Space used for laundry and storage.
- Room opens into kitchen.
  - Enclosed by two folding doors (which stay open... always).
  - Kitchen used for cooking and entertaining (mostly myself).
- Original clothing flow:
  - BR Dresser  Body  BR Basket  K Floor  Washer  Dryer  K Basket  BR Dresser.
- Current clothing flow is:
  - Body  K Floor  Washer  Dryer  Body.
- Storage areas last organized / cleaned in Aug ‘07.
Unique Considerations

- Substandard housing conditions.
  - Aged electrical infrastructure limits simultaneous operation of appliances.
  - Relevant information discovered on floor behind washing machine...
  - ...only after causing significant inconvenience to neighbors.
  - Warning remains behind washer.

- Smallest washer ever conceived by (wo)man.

- Together these issues make laundry a lengthy, continuous process, contributing to the (disturbing) change in clothing flow.
Issues

- LIP (Laundry in Process) overflow into kitchen.
  - Complicates processes completely unrelated to laundry and occasionally contributes to increased clothing contamination.
- Clean clothes stored in dryer (wrinkled articles and rework).
- Items stored but belonging to others (barstools, jacket on floor, etc.).
- Infrequently used items (e.g., prior roommate’s detergent, misc. hardware, etc.).
- Dryer expels lint (buildup helps identify preceding, but constant cleanup).
- Peculiar behavior, even for a bachelor... (e.g., dressing and undressing in kitchen).
- System dependent on tribal knowledge (electrical warnings).
- Aesthetics.
“Bad Normal 3”

Some drawers are in bad shape. Not only is it difficult to find something in this drawer but is also not safe – some cutlery is hidden in the drawer.

Mop, broom and others look like they have been thrown behind the kitchen door.
5s Project in my wife’s kitchen

“The challenge of overcoming skepticism and enforcing standardization in someone else's turf”
Introduction

• The kitchen is my wife’s territory. She loves to cook so she spends there an important part of her time at home and she is very protective of this particular space.

• My wife does not know anything about 5s and is not interested in this particular tool.

• My wife regularly complaints about the little space she has for the kitchen tools, utensils and others and states that she would like to have more space in the kitchen.

• Kitchen is in a “bad normal” situation as seen in the following slides.
“Bad Normal 1”

The kitchen radiator is used as part of the kitchen furniture. The microwave stand needs some work.

The refrigerator top is holding everything from cereal to medicines, toys and matches.
“Bad Normal 2”

Although not all kitchen cabinets look like this one, there is a lot of space to be gained from the ones that do.

The kitchen countertop looks busy. There doesn’t seem to be much space left to cook, the value added activity.
Some drawers are in bad shape. Not only is it difficult to find something in this drawer but is also not safe – some knifes are hidden in the drawer.

Mop, broom and others look like they have been thrown behind the kitchen door.