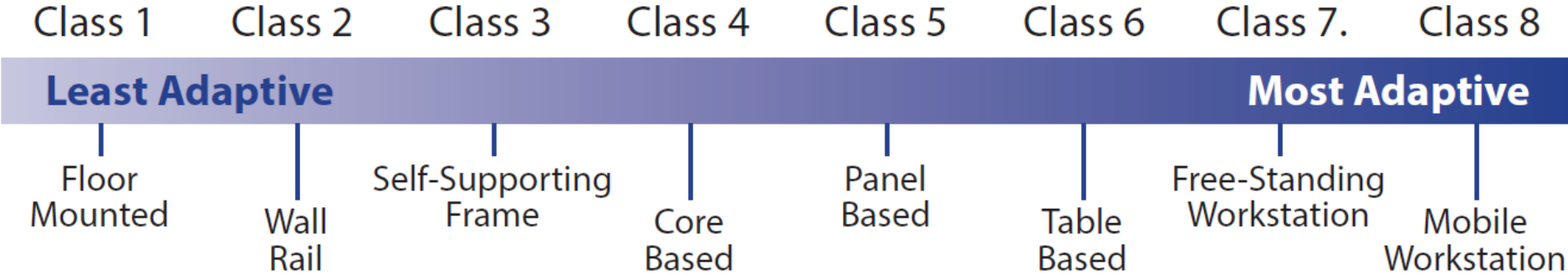# Scientific Equipment & Furniture Association Recommended Practices

SEFA 10-2013
Adaptable Laboratory Furniture Systems

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7.	Class 8

Least Adaptive → **Most Adaptive**

Floor Mounted | Wall Rail | Self-Supporting Frame | Core Based | Panel Based | Table Based | Free-Standing Workstation | Mobile Workstation

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Class 1   Class 2   Class 3   Class 4   Class 5   Class 6   Class 7.   Class 8

Least Adaptive   **Most Adaptive**

Floor
Mounted

Wall
Rail

Self-Supporting
Frame

Core
Based

Panel
Based

Table
Based

Free-Standing
Workstation

Mobile
Workstation

KEWAUNEE

CLASS 1 – FIXED FLOOR MOUNTED & WALL SUPPORTED CASEWORK

Adaptability Features:

- Cabinets & worksurfaces are not adjustable or easily reconfigurable.
- Wall cabinets or shelving are fixed.
- Utilities are directly mounted on worksurface.

Wall-bench

Island-bench

KEWAUNEE

Research Collection
SEFA 10 | Class 1

Research Collection
SEFA 10 | Class 1

Research Collection
SEFA 10 | Class 1

KEWAUNEE

Research Collection
SEFA 10 | Class 1

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7.	Class 8

Least Adaptive   **Most Adaptive**

Floor Mounted — Wall Rail — Self-Supporting Frame — Core Based — Panel Based — Table Based — Free-Standing Workstation — Mobile Workstation

KEWAUNEE

CLASS 2 – WALL RAIL SUPPORTED

Adaptability Features:

- Wall rail supported systems
- Bench relocation is possible by dismantling the rail system
- Worksurface height adjustments can be accomplished within a limited range
- Wall cabinet or shelving can be fixed or adjustable
- Utilities are directly mounted on worksurface.

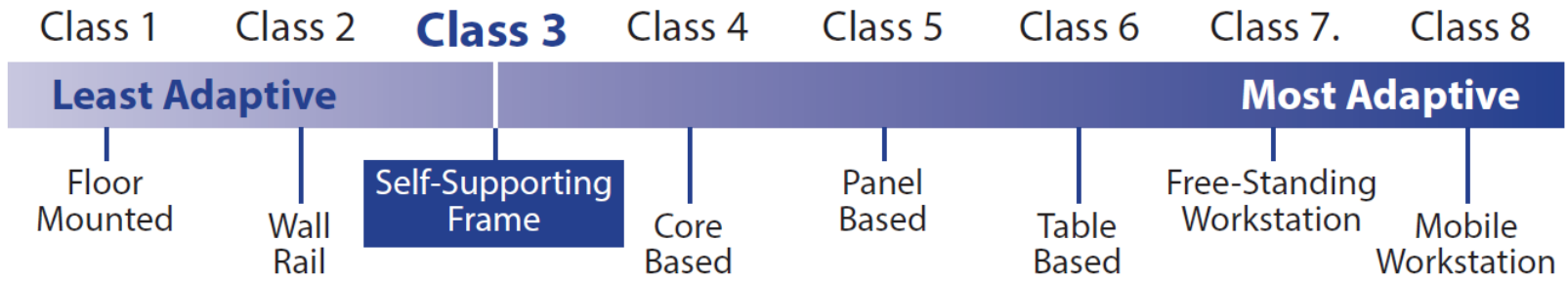Wall-bench

Alpha System
SEFA 10 | Class 2– Configuration 1

Alpha System
SEFA 10 | Class 2– Configuration 1

Class 1	Class 2	**Class 3**	Class 4	Class 5	Class 6	Class 7.	Class 8

Least Adaptive · **Most Adaptive**

Floor Mounted · Wall Rail · Self-Supporting Frame · Core Based · Panel Based · Table Based · Free-Standing Workstation · Mobile Workstation

CLASS 3 – SELF SUPPORTING FRAME

Adaptability Features:

- Self supporting frame systems
- Bench relocation is only possible by dismantling the rail system
- Worksurface height adjustments not possible
- Wall cases or shelving can be wall mounted, or mounted to above worksurface framework that is part of the self-supporting frame structure
- Utilities are directly mounted on worksurface.

Wall-bench

Island-bench

Evolution System
SEFA 10 | Class 3– Configuration 1

Basik Bench

SEFA 10 | Class 3– Configuration 1

Evolution System
SEFA 10 | Class 3– Configuration 1
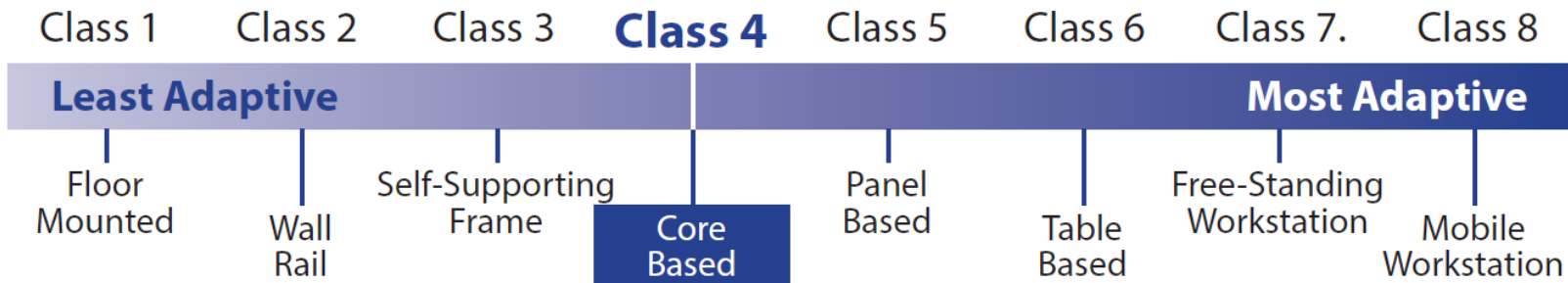
Evolution System
SEFA 10 | Class 3– Configuration 2

Class 1   Class 2   Class 3   **Class 4**   Class 5   Class 6   Class 7.   Class 8

Least Adaptive   **Most Adaptive**

Floor
Mounted
Wall
Rail
Self-Supporting
Frame
Core
Based
Panel
Based
Table
Based
Free-Standing
Workstation
Mobile
Workstation

KEWAUNEE

CLASS 4 – CORE BASED

Adaptability Features:

- Core based casework systems
- Bench relocation is only possible by dismantling the core system
- Worksurface height adjustments can be accomplished
- Wall cabinet or shelving can be wall mounted, or mounted to above worksurface framework that is part of the core structure
- Utilities are typically mounted directly to the cores.

Wall-bench

Island-bench

Alpha System
SEFA 10 | Class 4– Configuration 1
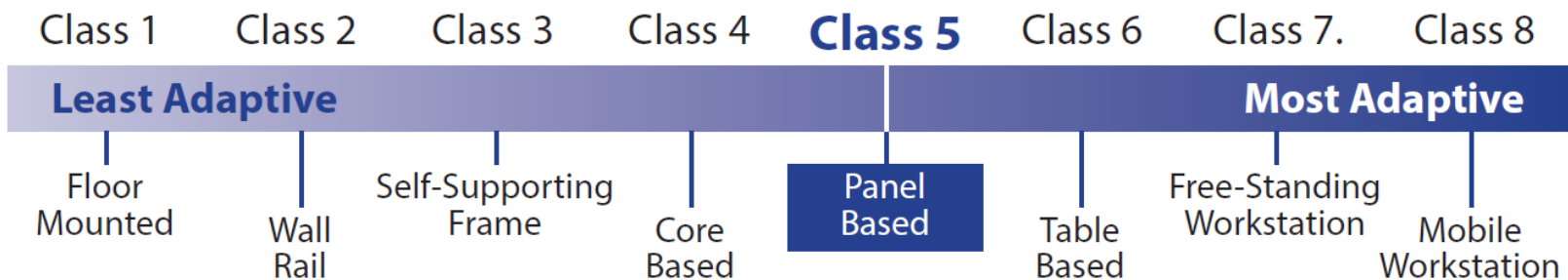
Alpha System
SEFA 10 | Class 4– Configuration 2

Alpha System
SEFA 10 | Class 4– Configuration 2

CLASS 5 – PANEL BASED

Adaptability Features:

- Panel based casework systems
- Bench relocation is only possible by dismantling the panel system
- Worksurface height adjustments can be accomplished
- Wall cabinet or shelving can be wall mounted, or mounted to above worksurface framework that is part of the panel structure
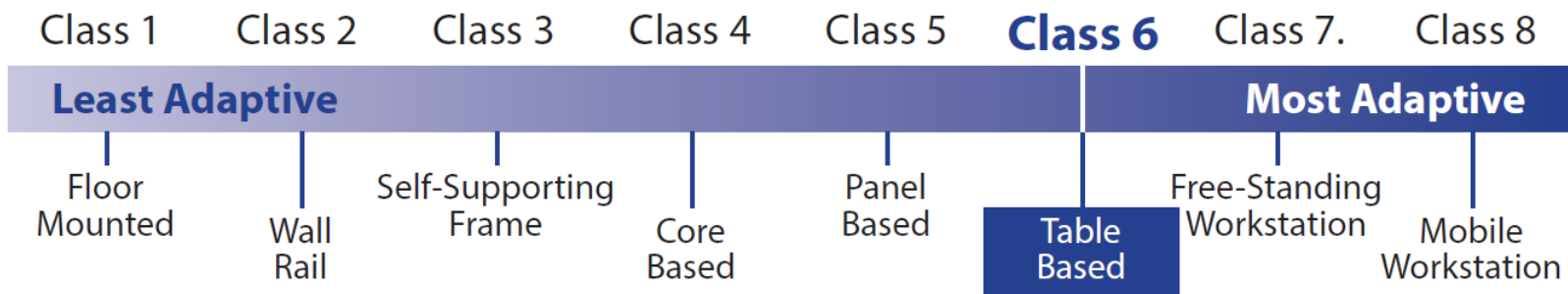- Utilities are typically mounted directly to the panel.

Wall-bench

Island-bench

Alpha – 6" Partitions
SEFA 10 | Class 5 – Configuration 2

KEWAUNEE

Alpha – 6" Partitions
SEFA 10 | Class 5 – Configuration 2

Class 1	Class 2	Class 3	Class 4	Class 5	**Class 6**	Class 7.	Class 8

Least Adaptive | | | | | **Most Adaptive**

- Floor Mounted
- Wall Rail
- Self-Supporting Frame
- Core Based
- Panel Based
- **Table Based**
- Free-Standing Workstation
- Mobile Workstation

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CLASS 6 – TABLE BASED

Adaptability Features:

- Table based casework systems
- Bench relocation is possible by moving the table to a new location
- Worksurface height adjustments can be accomplished by adjusting the table leg
- Wall cabinet or shelving can be wall mounted, or mounted to an independent structure
- Utilities are typically mounted to utility drops or pods.

Wall-bench

Island-bench

K4B

Alpha Free-Standing Table
SEFA 10 | Class 6– Configuration 3

K4B
SEFA 10 | Class 6– Configuration 4

Enterprise
SEFA 10 | Class 6– Configuration 3

Least Adaptive ———————————————————————— **Most Adaptive**

Floor Mounted — Wall Rail — Self-Supporting Frame — Core Based — Panel Based — Table Based — **Free-Standing Workstation** — Mobile Workstation

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CLASS 7 – FREE STANDING WORKSTATION

Adaptability Features:

- Free-standing workstation systems
- Bench relocation is possible by moving the table to a new location
- Worksurface height adjustments can be accomplished by adjusting the table leg
- Wall cabinet or shelving can be wall mounted, or mounted to an integrated structure
- Utilities are pre-plumbed & pre-wired within the system.

Wall-bench

Island-bench

Enterprise – Square frame
SEFA 10 | Class 7– Configuration 4

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7.	**Class 8**

Least Adaptive — **Most Adaptive**

Floor Mounted · Wall Rail · Self-Supporting Frame · Core Based · Panel Based · Table Based · Free-Standing Workstation · Mobile Workstation

CLASS 8 – MOBILE WORKSTATION

Adaptability Features:

- Mobile workstation systems
- Bench relocation is possible by moving the table to a new location
- Worksurface height adjustments can be accomplished by adjusting the table leg
- Wall cabinet or shelving can be wall mounted, or mounted to an integrated structure
- Utilities are pre-plumbed & pre-wired within the system.

Wall-bench

Island-bench

Evolution System
SEFA 10 | Class 8 – Configuration 1

Evolution System
SEFA 10 | Class 8 – Configuration 1

Evolution System
SEFA 10 | Class 8 – Configuration 1

Evolution System
SEFA 10 | Class 8 – Configuration 2

Evolution System
SEFA 10 | Class 8 – Configuration 2

Alpha Cart
SEFA 10 | Class 8 – Configuration 1

For more information, Visit us at

www.kewaunee.com