



Attention to Detail Kanban Activity

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Overview:

In this activity reinforcing attention to detail, students will be setting up cleaning supplies in an organized “Kanban-like” system that tells them which supplies are which and when they need to purchase more of certain supplies.

Featured Externship Business:

[Ascher's Janitorial Services](#)

Subject:

Life Skills/Job Skills/Math-Patterns

Grade Level:

6-12+ (geared toward students with disabilities)

Learning objectives:

After doing this activity, students should be able to:

- Understand the Kanban process for sorting and storing products
- Use technology to create tags for the Kanban process
- Sort and label products with the appropriate tags
- Understand the process for reordering based on the Kanban tag information

Workplace Readiness Skill:

- | | |
|--|--|
| <input type="checkbox"/> Social Skills | X Communication |
| X Teamwork | <input type="checkbox"/> Critical Thinking |
| <input type="checkbox"/> Attitude and Initiative | X Planning and Organization |
| <input type="checkbox"/> Professionalism | <input type="checkbox"/> Media Etiquette |

Type of Activity:

- Individual
- X Small Group
- Whole Class

Common Core Essential Elements for Mathematics (for students with significant cognitive disabilities):

Claim 4: Algebraic and functional reasoning: Students solve increasingly complex mathematical problems, making productive use of algebra and functions.

MC 4.2 Understand patterns and functional thinking

Essential Elements Included: 3.OA.9; 4.OA.5; 5.OA.3; 7.EE.2; 8.EE.5-6; 8.F.1-3, 4, 5; A-REI.10-12; A-SSE.4; F-BF.1, 2; FIF.1-3, 4-6; F-LE.1

Common Core Essential Elements for English Language Arts (for students with significant cognitive disabilities):

EE.W.9-10.6 Use technology, including the Internet, to produce, publish, and update individual or shared writing products.

Time: Two 50-minute class periods

Materials:

- Cleaning supplies used for daily cleaning jobs
- Computer
- Printer
- Cardstock
- Stapler
- Lamination
- Shelving
- Thumb-tacks
- Binder clips

Directions:

1. Teacher should familiarize themselves with the Kanban process prior to the lesson and introduce the concept to students in a level-appropriate manner. A suggested simple source is <https://leankit.com/learn/kanban/what-is-kanban/>.
2. Students will make “Kanban-like” tags for each supply using the computer, cardstock, printer, and lamination, indicating:
 - a. how many of each supply should be in stock
 - b. when they should order more
 - c. how much to order
 - d. where to order the product
3. Students will staple the supply labels onto the shelving where each individual product will be stored.
4. Students will push thumb-tacks along-side each of the supply labels.

5. Students will put binder clips on each of the tags and hang them on the corresponding thumb-tacks with the product it matches.
6. Students will place cleaning supplies on the shelves according to their label/tag.
7. The teacher should run a simulation with students to follow the process for reordering a product, so students are familiar with the process ahead of time.

Wrap-Up:

Students will draw a picture of the system they created on an exit slip.

Extension Activity:

On the SmartBoard, the teacher can show examples of other labeling systems that people use to keep cleaning supplies organized in a similar pattern.



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