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Flexible Seating in the Classroom:

A Research-Based Approach to Enhance Student Engagement and Achievement



By Patricia Cadigan, M.Ed., ALEP
An Expert in the Field of Creating Classroom Environments

Introduction



In today's educational landscape, teachers are constantly looking for ways to improve student outcomes and foster a positive learning environment. One of the factors that can influence student engagement and achievement is the physical arrangement of the classroom, especially the type of seating that is available for students. Traditional classrooms often have fixed rows of desks and chairs that limit student movement, choice, and collaboration. (Sawers et al., 2016) However, research suggests that flexible seating, which allows students to choose from a variety of seating options such as couches, bean bags, stools, mats, or standing desks, can have multiple benefits for student learning and well-being.

This white paper will provide an overview of the research on flexible seating in the classroom, highlighting the advantages and challenges of implementing this approach. It will also offer some practical tips and examples for teachers who want to create a flexible seating environment in their own classrooms. The main objectives of this white paper are to:

- Explain the rationale and benefits of flexible seating for student autonomy, engagement, and achievement.
- Review the current evidence and best practices on flexible seating in the classroom.
- Provide some guidelines and recommendations for teachers who want to adopt flexible seating in their own classrooms.

Rationale and Benefits of Flexible Seating

Flexible seating is based on the premise that students learn best when they have some control over their learning environment and can choose a seating option that suits their preferences, needs, and tasks. (Barret et al., 2015) Flexible seating also recognizes that students have different learning styles, abilities, and preferences, and that a one-size-fits-all approach to classroom seating may not be optimal for all students. (Hanover Research, 2017) By providing students with a variety of seating options, teachers can cater to the diverse needs and preferences of their students, and create a more inclusive and differentiated learning environment.

Some of the benefits of flexible seating for student autonomy, engagement, and achievement are:

- **Increased student autonomy and ownership of learning.** Flexible seating allows students to make decisions about where and how they want to learn, which can foster a sense of agency and responsibility for their own learning. Students can also choose a seating option that matches their mood, energy level, and comfort, which can enhance their motivation and self-regulation.
- **Improved student engagement and participation.** Flexible seating can create a more inviting and stimulating learning environment, which can increase student interest and curiosity. Students can also interact more easily with their peers and teachers, which can promote collaboration, communication, and social skills. Flexible seating can also reduce boredom and distractions while increasing student attention and focus.
- **Enhanced student achievement and performance.** Flexible seating can support student learning by providing them with a seating option that facilitates their cognitive, physical, and emotional needs. Students can choose a seating option that allows them to move, stretch, or relax, which can improve their blood circulation, oxygen flow, and brain function. Students can also choose a seating option that aligns with their learning style, such as visual, auditory, or kinesthetic, which can improve their retention and comprehension of information. Flexible seating can also foster a growth mindset, creativity, and problem-solving skills, which are essential for 21st-century learning.



Evidence and Best Practices on Flexible Seating

Flexible seating is not a new concept, but it has gained popularity and attention in recent years, especially with the advent of new technologies and the shift to student-centered learning. (Having, 2017) However, there is still a lack of rigorous and conclusive research on the effects of flexible seating on student outcomes, and the best practices for implementing this approach. Most of the existing studies on flexible seating are qualitative, descriptive, or correlational, and have small sample sizes, short durations, or limited measures. Therefore, more research is needed to establish the causal relationship between flexible seating and student outcomes, and to identify the optimal conditions and strategies for using flexible seating in the classroom.

However, based on the available literature, some of the best practices for implementing flexible seating in the classroom are:

- **Start with a clear purpose and goal.** Teachers should have a clear rationale and objective for using flexible seating in their classroom, and communicate it to their students, parents, and administrators. Teachers should also align their flexible seating arrangement with their curriculum, pedagogy, and assessment, and ensure that it supports student learning and achievement.
- **Establish clear expectations and rules.** Teachers should set clear expectations and rules for using flexible seating in their classroom, and teach them to their students. Teachers should also model and reinforce appropriate behavior and etiquette for using flexible seating, such as sharing, respecting, and taking care of the seating options. Teachers should also monitor and evaluate student behavior and learning, and provide feedback and guidance as needed.
- **Involve students in the process.** Teachers should involve students in the planning, implementation, and evaluation of flexible seating in their classroom. Teachers should solicit student input and feedback on the types, locations, and arrangements of the seating options, and allow students to have some choice and voice in their seating selection. Teachers should also encourage student reflection and self-assessment on their seating choices and their impact on their learning and well-being.
- **Be flexible and adaptable.** Teachers should be flexible and adaptable when using flexible seating in their classroom, and be willing to experiment, adjust, and improve their flexible seating arrangement as they go. Teachers should also be responsive to the needs, preferences, and feedback of their students, and be open to making changes or modifications to their flexible seating arrangement as needed.



Guidelines and Recommendations for Teachers

Flexible seating can be a powerful and effective way to create a student-centered and differentiated learning environment, but it also requires careful planning, preparation, and management. (Romero, 2019) Teachers who want to adopt flexible seating in their own classrooms should consider the following guidelines and recommendations:

- **Start small and gradually.** Teachers do not need to overhaul their entire classroom or buy expensive furniture to implement flexible seating. Teachers can start with a few seating options, such as cushions, mats, or stools, and gradually add more options as they and their students become more comfortable and familiar with flexible seating. Teachers can also use existing furniture or resources, such as tables, chairs, or bookshelves, and rearrange them to create different seating zones or areas in their classroom.
- **Consider the needs and preferences of your students.** Teachers should consider the needs and preferences of their students when choosing and arranging the seating options in their classroom. Teachers should take into account the age, grade, ability, and learning style of their students, and provide seating options that are appropriate, comfortable, and accessible for them. Teachers should also consider the diversity and inclusivity of their classroom, and ensure that the seating options are respectful and supportive of the cultural, linguistic, and social backgrounds of their students.
- **Match the seating options with the learning tasks and objectives.** Teachers should match the seating options with the learning tasks and objectives that they want their students to achieve. Teachers should consider the type, level, and duration of the learning tasks, and provide seating options that facilitate them. For example, teachers can provide couches, bean bags, or mats for reading, writing, or independent work, and provide stools, tables, or standing desks for group work, discussions, or presentations. Teachers should also consider the skills and competencies that they want their students to develop, and provide seating options that foster them. For example, teachers can provide seating options that promote collaboration, communication, creativity, or critical thinking.
- **Balance student choice and teacher guidance.** Teachers should balance student choice and teacher guidance when using flexible seating in their classroom. Teachers should allow students to have some autonomy and ownership over their seating choices, but also provide some structure and direction to ensure that the seating choices are conducive to learning and achievement. Teachers can use different strategies to balance student choice and teacher guidance, such as assigning seating options based on learning goals, grouping students based on learning needs, rotating students among seating options, or using a lottery system to select seating options.



Conclusion

Flexible seating is an innovative and research-based approach to enhance student engagement and achievement in the classroom. By providing students with a variety of seating options, teachers can create a more student-centered and differentiated learning environment, and cater to the diverse needs and preferences of their students. (Harvey and Kenyon, 2013) Flexible seating can also foster student autonomy, ownership, and responsibility for their own learning, and promote collaboration, communication, and social skills among students. However, flexible seating also requires careful planning, preparation, and management, and teachers should follow some best practices and guidelines to implement this approach effectively and successfully in their own classrooms.



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