## Month By Month Schoolwide Model For Building Meaningful Makerspaces

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#### **Chapter 1: The Importance of Makerspaces in Education**

Makerspaces are rapidly becoming an essential part of modern education. They provide students with a space to explore their creativity, learn new skills, and solve problems in a hands-on way.



## Makerspaces in School: A Month-by-Month Schoolwide Model for Building Meaningful Makerspaces by Lacy Brejcha

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Research has shown that makerspaces can have a number of benefits for students, including:

- Increased engagement and motivation
- Improved problem-solving skills
- Enhanced creativity and innovation
- Greater collaboration and teamwork
- Preparation for STEM careers

In addition to these benefits, makerspaces can also help to create a more positive and inclusive school environment. They provide a space where students can feel comfortable taking risks and learning from their mistakes.

#### **Chapter 2: Getting Started with Makerspaces**

Starting a makerspace can seem like a daunting task, but it doesn't have to be. With careful planning and implementation, you can create a makerspace that meets the needs of your students and staff.

The first step is to identify a space that can be used for your makerspace. This space should be large enough to accommodate a variety of activities, and it should be well-lit and ventilated.

Once you have a space, you will need to gather the necessary materials and equipment. This will include tools, supplies, and project kits.

It is also important to develop a set of rules and procedures for your makerspace. These rules should help to ensure that the space is safe and productive.

### **Chapter 3: Month-by-Month Guide to Building a Schoolwide Makerspace**

This chapter provides a month-by-month guide to help you build a schoolwide makerspace. The guide includes tips and strategies for each step of the process, from planning to implementation to sustainability.

#### **Month 1: Planning**

The first step is to develop a plan for your makerspace. This plan should include a description of the space, the materials and equipment that will be available, and the rules and procedures that will be in place.

#### **Month 2: Fundraising**

Once you have a plan, you will need to start fundraising to Free Download the materials and equipment that you need. There are a number of ways to fundraise for a makerspace, including grants, donations, and corporate sponsorships.

#### **Month 3: Space Design**

The next step is to design the space for your makerspace. This includes choosing the layout of the space and selecting the furniture and equipment that will be used.

#### **Month 4: Materials and Equipment**

Once the space is designed, you will need to Free Download the materials and equipment that will be used in the makerspace. This includes tools, supplies, and project kits.

#### **Month 5: Training**

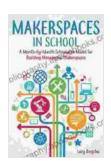
It is important to provide training to staff and students on how to use the makerspace safely and effectively.

#### Month 6: Opening

Once everything is in place, you can open your makerspace to students and staff. Be sure to promote the makerspace so that everyone knows about it.

#### **Chapter 4: Sustainability and Best Practices for Makerspaces**

In Free Download to ensure the success



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