



# Simple STEAM

{Maker Space Task Cards}

# St. Patrick's Day

20 engineering, art, and design task cards perfect for your Maker Space!

# Thank you!!

Thank you so much for downloading this resource! I hope that you and your students love it! I am so honored that you took the time out of your busy day to visit my store. I appreciate you so much! And in case no one told you this today:

😊 You are an amazing teacher 😊

Your feedback is important to me. You can reach me at [sarah@morethanaworksheet.com](mailto:sarah@morethanaworksheet.com) Or you can also reach me using the Q&A section of my TpT Store, [More Than a Worksheet](#).

**PS: I would LOVE to see pics of how you use my resources in your classroom!**

If you are on Instagram, feel free to tag me @morethanaworksheet. I'm also on Facebook and Twitter!

Happy Teaching!  
Sarah



**The More Than a Worksheet Promise:**  
I promise to create engaging learning experiences that first and foremost make students think. They are rigorous, standards-based, versatile, and perfect for the teacher who wants to light a spark in students. Teachers don't have extra time to re-invent the wheel with each lesson, but you shouldn't have to sacrifice good teaching practices in lieu of textbooks, test prep, worksheets, and standards. Let me help you add critical thinking, creativity, and fun into your curriculum!

# Simple STEAM: Maker Space Task Cards {St. Patrick's Day Edition}

## Notes to Teacher:

Thank you for purchasing this activity! I hope you and your students love it! This makes a great starting point for teachers just beginning their S.T.E.A.M. or Maker Space journey. The tasks in this series are simple enough that students can complete them independently, and they require just a few materials that are easy to come by. Don't be fooled by the simple nature, though. These challenges are designed to make your students think critically and creatively!

### What is included?

\*There are 20 task cards included with challenges, and I also included 4 blank ones for you and your students to use to create your own challenges. Just print and go. Laminate for durability if you choose.

\*A simple rubric

\*A student checklist

### What materials do I need?

paper, tape, newspaper, pipe cleaners, rubber bands, cotton swabs, aluminum foil

### How should I use these task cards?

I like to design products that are versatile and can be used in various ways to fit your needs. There is no one right way to use them, and I encourage you to try using them in different ways to find what fits best with your classroom. Here are some ideas:

- a Maker Space tub
- a science center where the challenge changes weekly
- a project that students work on in lieu of morning work with a new challenge each day
- fun whole class activities for the end of the year or the days before holidays
- send home for family STEAM time and have parent or students snap a picture of the completed challenge.
- a fun class reward for Fun Friday

### What age are they best for?

Most of my STEM & STEAM resources are best for grades 3-5. These in particular may be best for grades 4 and up simply because duct tape can be tricky to handle, tear, and work with.

### What S.T.E.A.M. components are addressed?

With these tasks, students will use creative thinking skills to tackle Engineering challenges. They will also tap into Art and design and some geometry and measurement skills.

**Is there one right answer?** No! Projects such as these are open ended on purpose. There is not a single right solution but many possible solutions that meet the challenge. It may be challenging for students at first to access the creative parts of their brains to think of innovative designs, but the more engineering, creative, and critical thinking activities you do, the more students get comfortable taking risks and finding creative solutions.

**Should I show students examples first?** I encourage you to let students attempt the projects before helping or showing examples. When students look at examples, they get it in their mind and think that there is just the one way to do it.

### How do I grade these?

This is tough for me because I want students to be creative, think critically, and be able to learn from their mistakes, all of which can happen with these task cards. Yet, as teachers, we need to justify spending the time on activities, and a big way to do that is with grades. I created a simple rubric with that in mind. It addresses the skills that I want students to work on. I would love to hear your input because I realize there is no perfect way to grade activities such as this, so this is my attempt to try.

### I'm hooked on S.T.E.A.M. What is my next step?

Visit my TPT Store for other STEM and STEAM resources.  
<https://www.teacherspayteachers.com/Store/More-Than-A-Worksheet/Category/STEM>

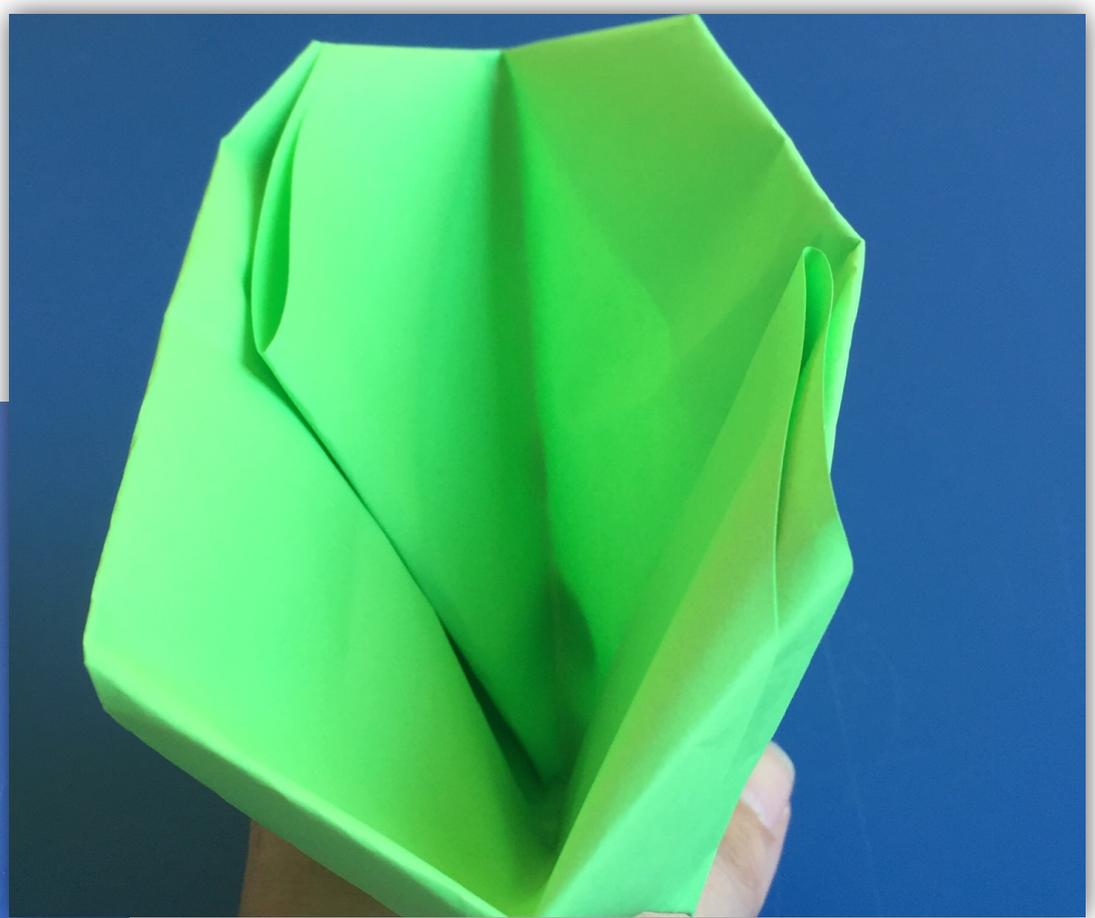
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Sample  
Designs:



Task 14—A pot to hold  
the gold



Task 2—Water Container

As with all of my STEM resources, I do not recommend that you show students examples ahead of time. They tend to get the image in their mind and then have trouble seeing a different solution. Let them try on their own, and you will be amazed at what they come up with!



## Task 1

Design and create a parade float for a St. Patrick's Day parade.

Materials: paper, crayons, tape



## Task 2

Construct a container to carry water for the shamrocks.

Materials: paper, tape



## Task 3

Construct a box to hold your treasured four-leaf clover.

Materials: paper, tape



## Task 4

Build a three-dimensional paper rainbow that stands on its own.

Materials: paper, tape



## Task 5

Create a sack that will hold the most potatoes.

Materials: newspaper, tape



## Task 6

Design a hat for the leprechaun. It must fit on your head.

Materials: newspaper, tape



## Task 7

Construct a ladder to climb the rainbow. It should have at least three rungs.

Materials: newspaper, tape



## Task 8

Construct a scoop that will help pick up all of the gold at the end of the rainbow.

Materials: newspaper, tape



## Task 9

Design and create a decorative shamrock.

Materials: pipe cleaners



## Task 10

Construct a search tower to help you find the pot of gold.

Materials: pipe cleaners



## Task 11

Design and create a piece of St. Patrick's Day jewelry.

Materials: pipe cleaners



## Task 12

Construct a bed for the leprechaun.

Materials: pipe cleaners



## Task 13

Construct a boat for the leprechaun to use to escape. It should float.

Materials: aluminum foil



## Task 14

Design and construct a pot for the gold.

Materials: aluminum foil



## Task 15

Design and create a crown for St. Patrick.

Materials: aluminum foil



## Task 16

Build a throne for the leprechaun.

Materials: aluminum foil



## Task 17

Construct a hideout for the leprechaun so he can avoid all of the traps.

Materials: rubber bands & cotton swabs



## Task 18

Build a model of a harp.

Materials: rubber bands & cotton swabs



## Task 19

Create a staff, or a tall walking stick, for St. Patrick.

Materials: rubber bands & cotton swabs



## Task 20

Design and build a trap to help St. Patrick catch the snakes.

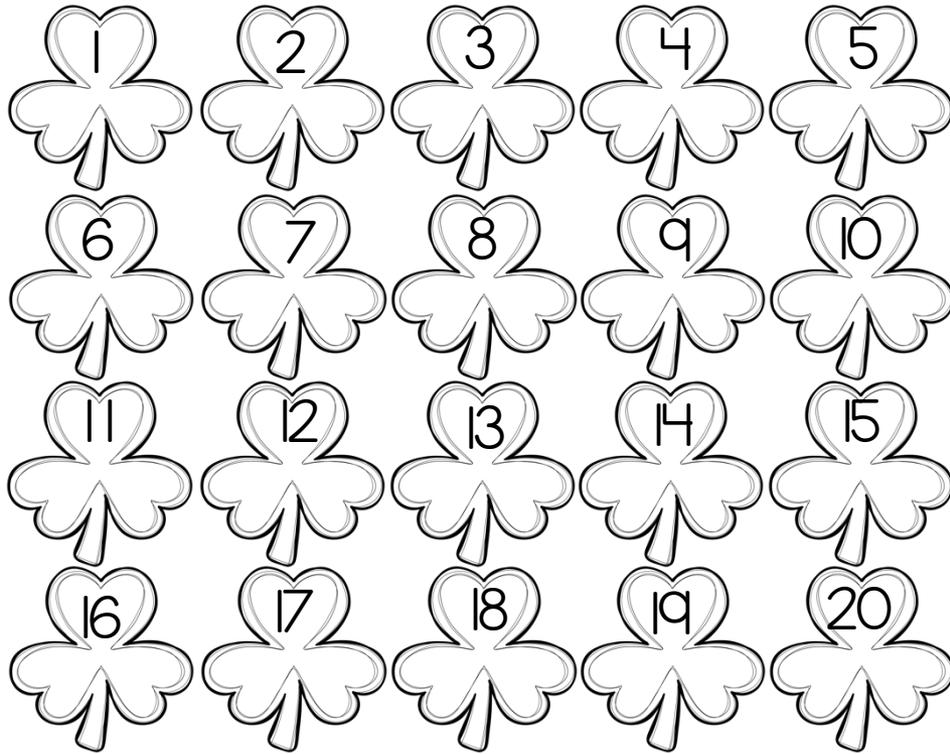
Materials: rubber bands & cotton swabs

Name \_\_\_\_\_

## Maker Space Task Cards {St. Patrick's Day Edition}

Use this page to keep track of the tasks that you complete.

Color in the shamrock when you complete the task card



Which task was your favorite? Why?

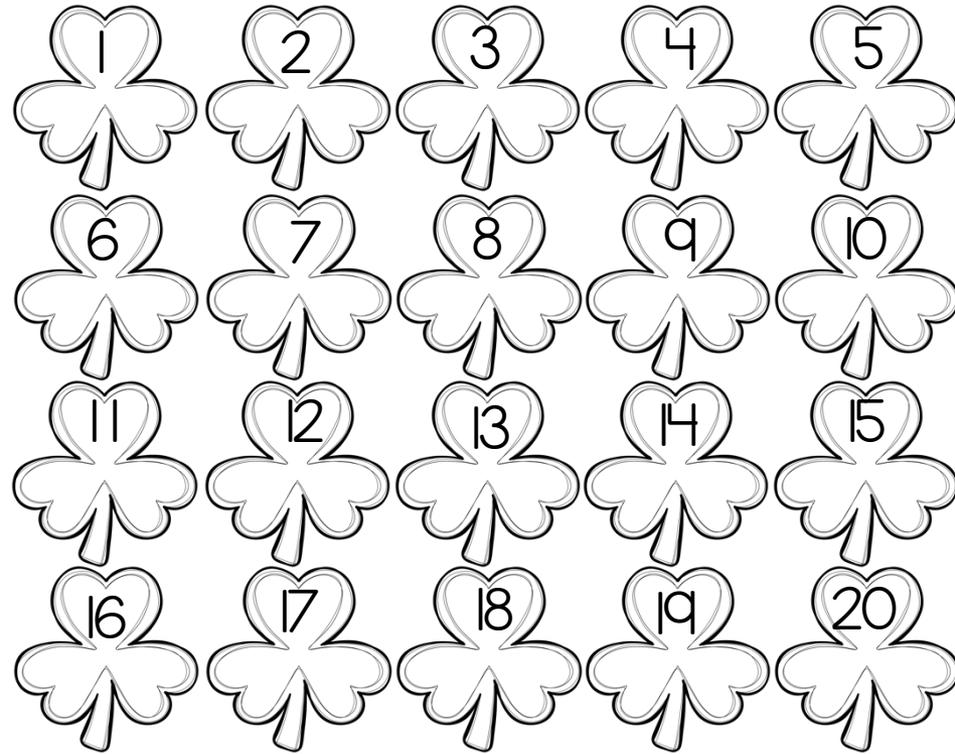
Which was your least favorite? Why?

Name \_\_\_\_\_

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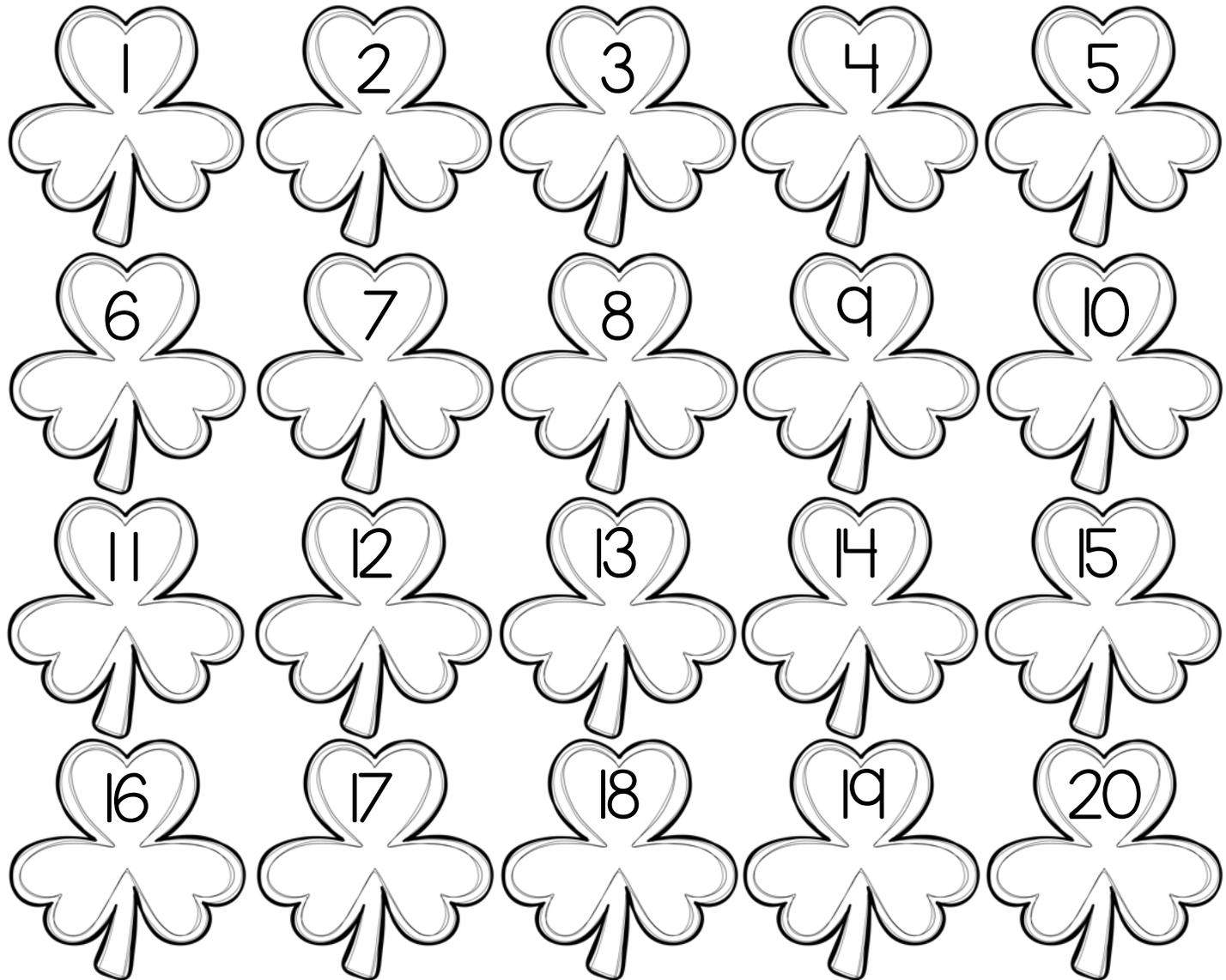
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# Maker Space Task Cards

{St. Patrick's Day Edition}



	Rarely (1 point)	Sometimes (2 points)	Usually (3 points)	Always (4 points)
I create original and innovative designs.				
I try my best on all tasks.				
I use all materials the correct way.				
I work cooperatively with my teammates.				
I am flexible if my design flops.				
I am focused and engaged with the tasks.				

Grade: \_\_\_\_\_ Comments: \_\_\_\_\_

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Name \_\_\_\_\_

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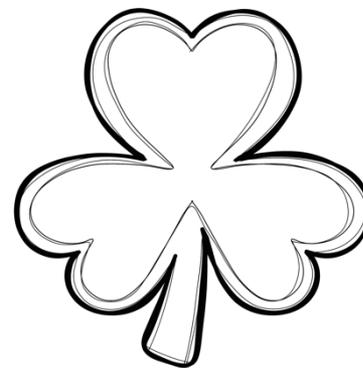
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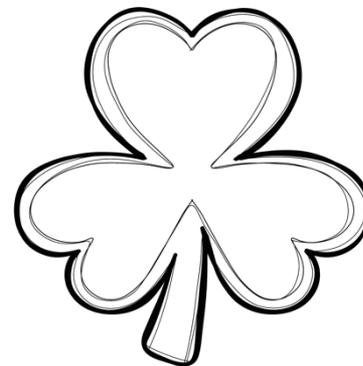
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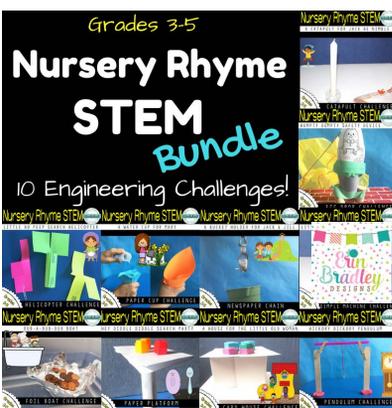
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Comments:

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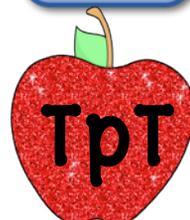
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