



Simple STEAM

{Maker Space Task Cards}

Thanksgiving

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 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 {Thanksgiving 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?

index cards, tape, paper, newspaper, aluminum foil, various building materials (random supplies from around the classroom)

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>

For more Maker Space Task Cards:

<https://www.teacherspayteachers.com/Store/More-Than-A-Worksheet/Category/-Maker-Space-Task-Cards-259058>

Sample
Designs:



Task 1—
Utensil Holder



Task 9—Scoop

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

Invent a device that will keep the utensils from falling off the table.

Materials: index cards, tape



Task 2

Create a cage for the turkey.

Materials: index cards, tape



Task 3

Design and construct a table that holds the most mass.

Materials: index cards, tape



Task 4

Build a tower that can support a can of food.

Materials: index cards, tape



Task 5

Invent a shield that will protect the pumpkin pie from pesky flies.

Materials: paper, tape



Task 6

Create a paper airplane to send out invitations to the Thanksgiving feast.

Materials: paper



Task 7

Design a new type of box for leftovers.

Materials: paper, tape



Task 8

Build a Mayflower model that floats and can be powered by wind (blowing through a straw).

Materials: paper, tape



Task 9

Invent a device that can be used to scoop food onto plates.

Materials: aluminum foil



Task 10

Create a roasting pan for the turkey.

Materials: aluminum foil



Task 11

Design a new gardening tool to help the pilgrims grow their crops.

Materials: aluminum foil



Task 12

Build a container that can be used to pour gravy.

Materials: aluminum foil



Task 13

Create a case that will completely enclose a bag of apples and carry it with a handle.

Materials: newspaper, tape



Task 14

Create a pilgrim hat that you can wear on your head.

Materials: newspaper, tape



Task 15

Construct a bridge that will hold the most potatoes.

Materials: newspaper, tape



Task 16

Create a football that you can actually throw and catch.

Materials: newspaper, tape



Task 17

Invent a device to keep drinks cool.

Materials:
various building materials



Task 18

Create a freestanding hammock for sleepy guests to use after they eat all the turkey.

Materials:
various building materials



Task 19

Design a basket that will travel down zip line to deliver food for the feast.

Materials:
various building materials



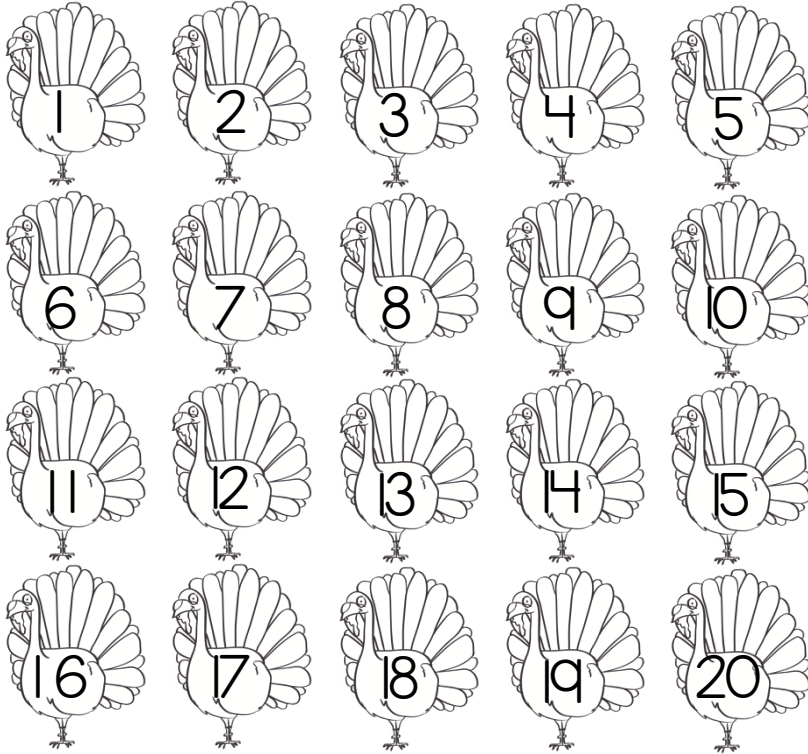
Task 20

Create a float for the Thanksgiving parade.

Materials:
various building materials

Maker Space Task Cards {Thanksgiving Edition}

Use this page to keep track of the tasks that you complete.
Color in the turkey when you complete the task card.

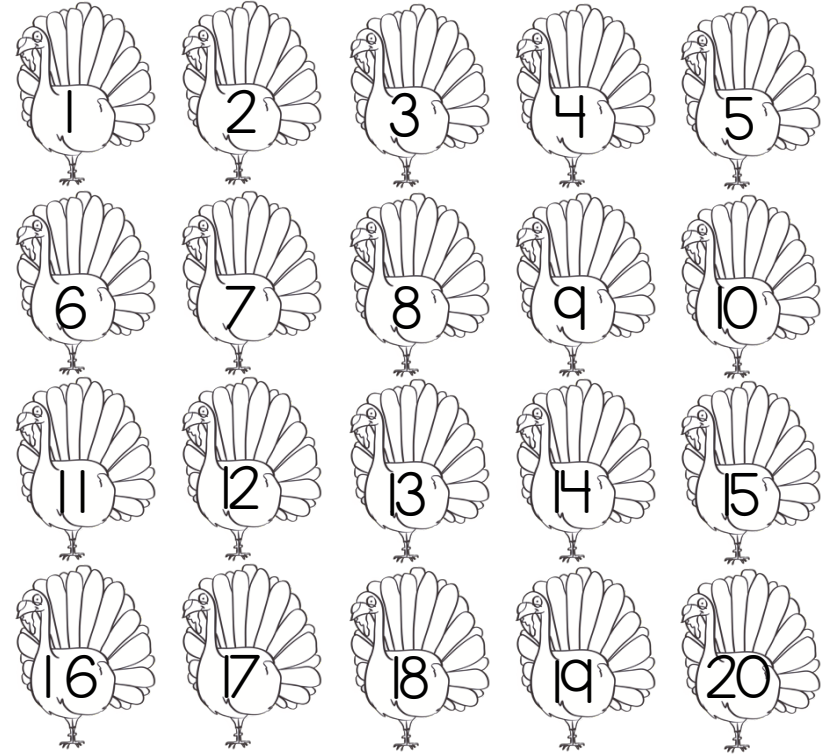


Which task was your favorite? Why?

Which was your least favorite? Why?

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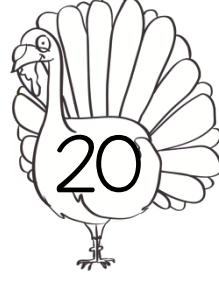
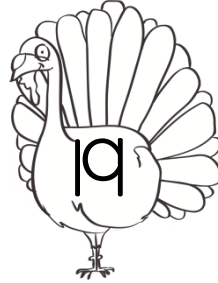
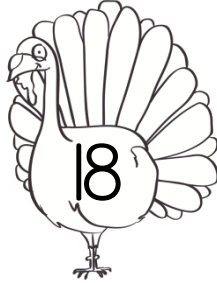
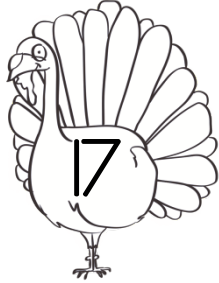
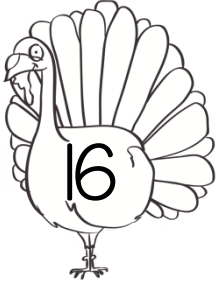
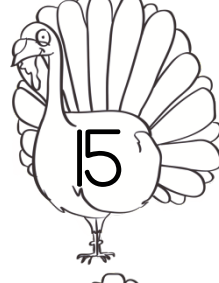
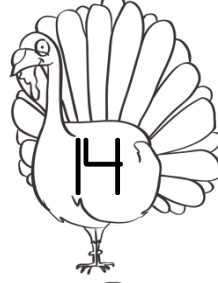
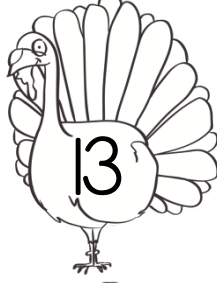
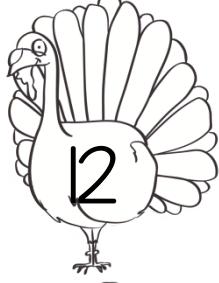
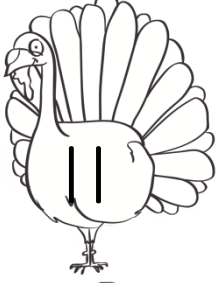
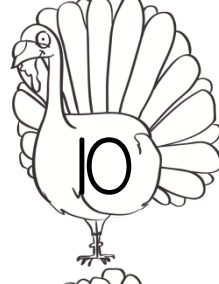
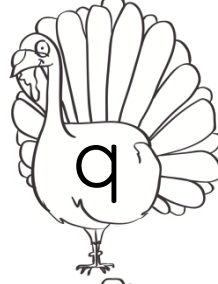
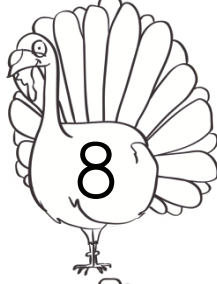
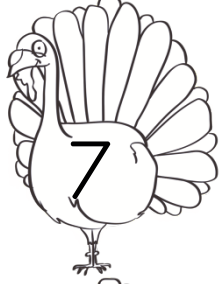
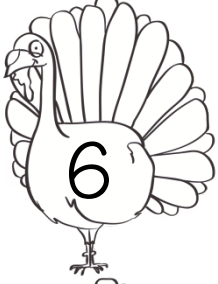
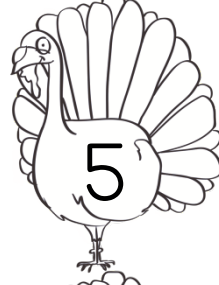
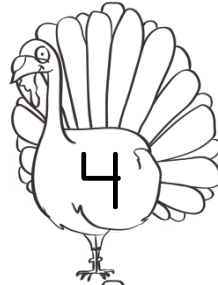
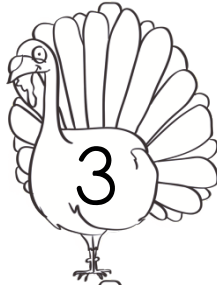
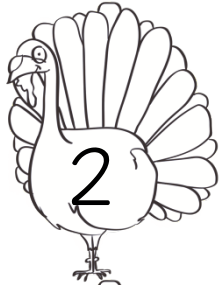
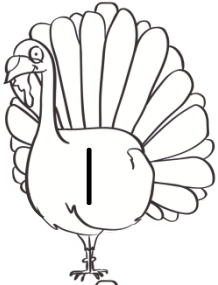


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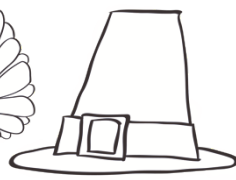
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Name _____

Maker Space Task Cards

{Thanksgiving 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.				

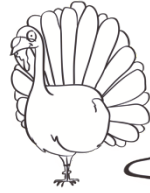
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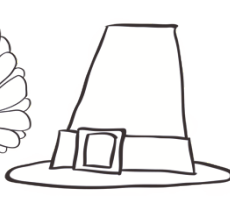
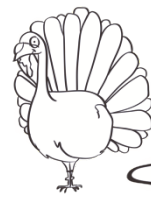
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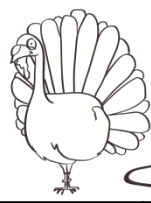
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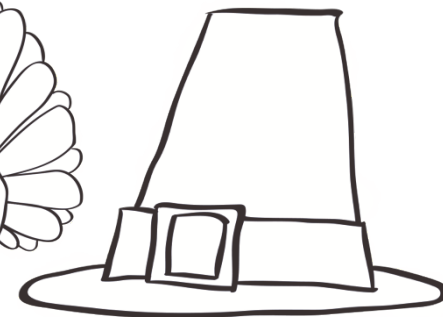
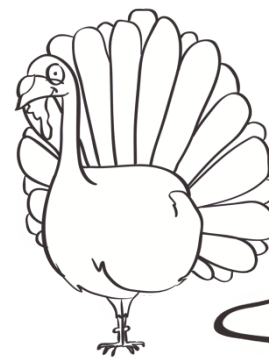
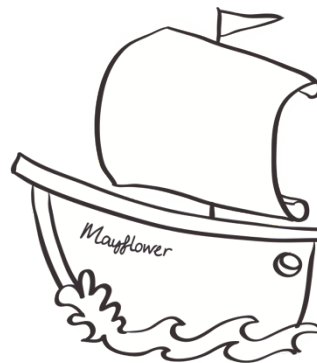
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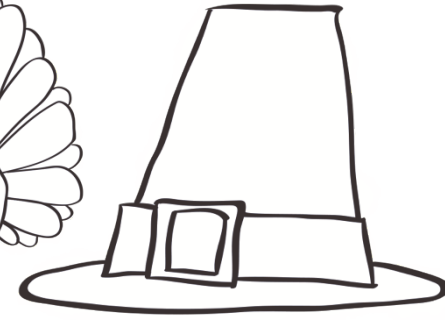
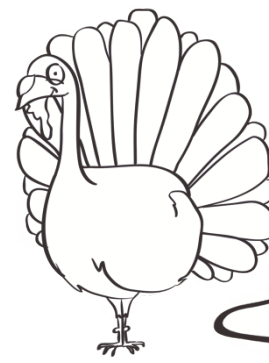
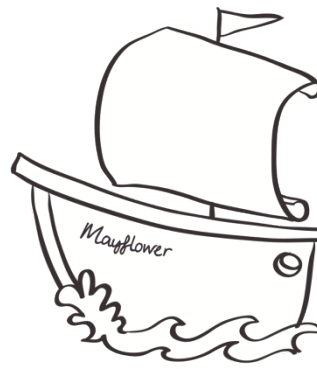
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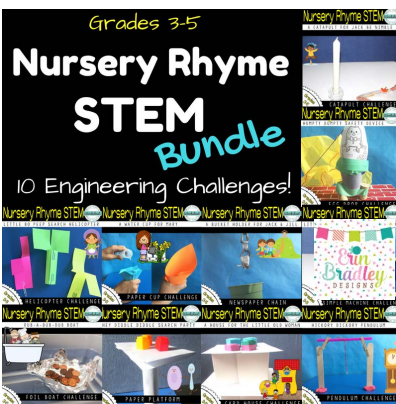
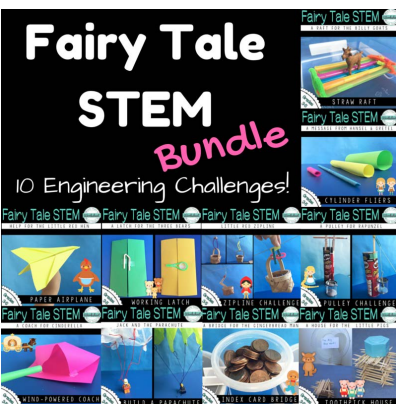
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Comments:

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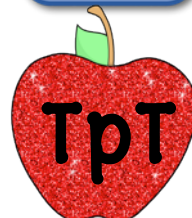
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