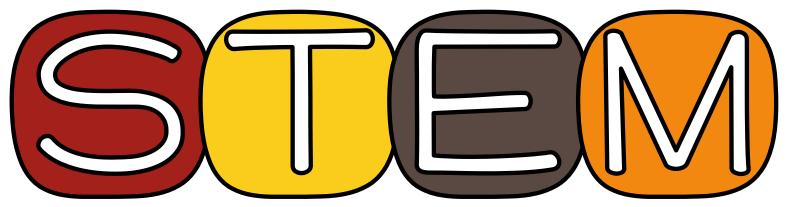
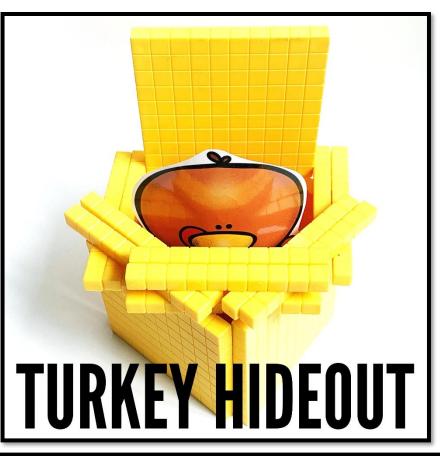
Turkey Hideout





LOW PREP THANKSGIVING STEM CHALLENGE

K-5TH GRADE

CREATED BY BROOKE BROWN

- ✓ SIMPLE SUPPLIES
- ✓ INTERACTIVE ANCHOR CHARTS
- ✓ VISUAL VOCABULARY
- ✓ QR CODE RESEARCH
- ✓ REFLECTION QUESTIONS

Turkey Hideout

The turkey does not want to get eaten on Thanksgiving!

Protect him by constructing a shelter that will keep him completely hidden and safe.



concea

MATERIALS:

- Building materials of your choice: base ten blocks, linking cubes, building bricks, magnetic blocks, or wooden planks
- Large plastic cup with paper turkey taped to the front





What Turkeys Need

EXPLORE

TURKEYS









TURKEY HOUSE



WORDS TO KNOW







otect





an area that is sealed off with a barrier

ET'S REFI

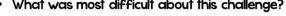
to keep

safe from

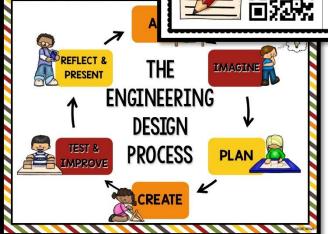
harm or

injury





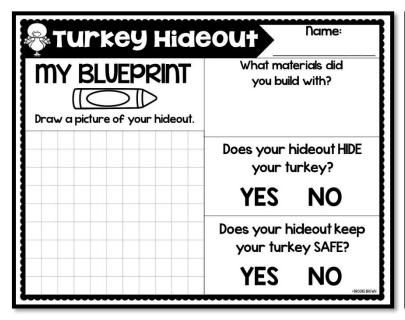
- What is the purpose of a hideout?
- What types of structures do people build that are similar to hideouts and what features do they need to have?
- What are some types of natural structures that animals build that are similar to hideouts and what features do they have?
- If we completed this challenge again, what would you do differently next time?

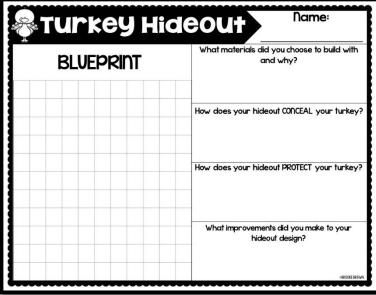


DIFFERENTIATED RECORDING SHEETS FOR K-5TH GRADE

LOWER GRADES

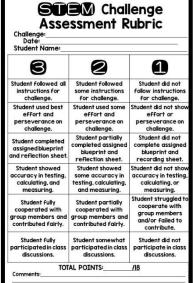
UPPER GRADES

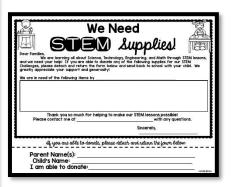




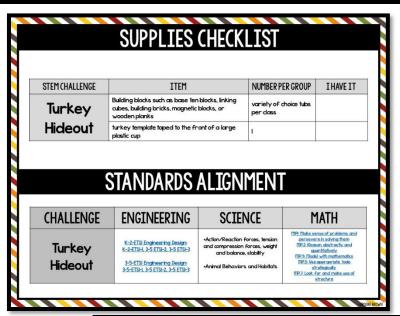
DIGITAL GOOGLE SLIDES NOTEBOOK







SAY Mello TO STRESS-FREE STEM!



SUPPLIES CHECKLIST & STANDARDS ALIGNMENT

CHALLENGE OVERVIEW

STEM CHALLENGE: TUrkey Hideout

OVERVIEW: Creativity is greatly encouraged with this challenge, and designs will differ depending on which building material(s) your students choose. Ensure that the students try to completely hide the turkey! To make it more challenging, have them try to hide multiple turkeys in one shelter.

KEY SKLLS: Engineering shelters or enclosures, Animal habitats/behaviors

SUGGESTED READ ALOUDS: Turkey Trouble by Wendi Silvano, (video link also included on "Explore Turkeys" page.) Twas the Night Before Thanksgiving by Day Pilkey, Run, Turkey, Run! by Diane Mayr

MATERIALS PER GROUP: building blocks such as base ten blocks, linking cubes, building bricks, magnetic blocks, or wooden planks, turkey template taped to the front of a large plastic cup

MATERIALS

LESSON PLAN

- Activate students' prior knowledge by asking them to share what they already know about turkeys. Ask them to brainstorm different type of "hideouts" or shelters that turkeys might have.
- 2. Share and discuss the videos on "Explore Turkeys."
- Hold a class discussion, using the teacher chart and real world examples to guide student thinking. (You can project the chart on an interactive whiteboard or document camera.) Record their ideas on the teacher chart.
- Introduce the STEM challenge and permitted materials.
- 5. Introduce and discuss key vocabulary cards related to the challenge.
- 6. Have students sketch blueprints of their designs on their recording sheets.
- Distribute materials and allow students 30-45 minutes with partners or small groups to construct their turkey hideouts to try to completely conceal the turkey.
- Hold a whole class closing discussion and reflection, allowing students to share their hideout designs. Use the "Let's Reflect" poster to quide the discussion.

KEY SKILLS

SUGGESTED READ ALOUDS

STEP BY STEP INSTRUCTIONS

ROOKE BROWN