



# WINTER MATH FUN PACK

**Encourage math learning  
during the holiday break!**

DreamBox recommends students complete 5 lessons per week. Week Streaks keep going when students complete 5 lessons per week, even over the holidays!

# 5 WAYS

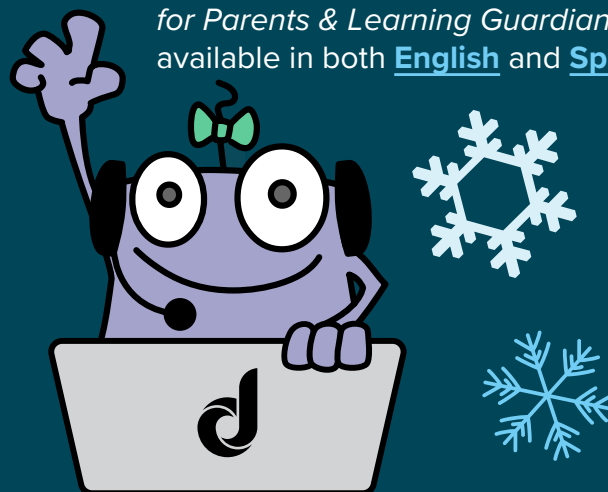
teachers can help kids have fun on DreamBox over the holidays ❄️

**1 SEND HOME FAMILY ACCESS LETTERS:**  
Print the Family Access letter and send it home with this Winter Math Fun Pack. Family Access letters show learning guardians how to get started with DreamBox so they can support their child's experience. You can find the letters inside your [Insight Dashboard](#) under Roster Management.

**3 TELL YOUR STUDENTS TO LOOK FOR NEW SURPRISES IN DREAMBOX:**  
As we count down the days to the new year, have your students keep their eyes out for fun delights inside of DreamBox, including hidden surprises for grades K-2 and festive wallpapers for grades 3-8.

**4 ADJUST STUDENT ENGAGEMENT SETTINGS:**  
Consider removing engagement restrictions for the holiday break so that students can access the seasonal surprises and games in their learning environments. Find out how to [easily remove restrictions](#).

**2 SHARE VIDEO TIPS:**  
Invite families to view DreamBox [video resources](#) including the 5-minute video, *Tips for Engagement for Parents & Learning Guardians*, available in both [English](#) and [Spanish](#).



**5 ENCOURAGE WEEK STREAKS:**  
Let students in grades 3-8 know that they can keep their week streak going over the holidays by playing 5 DreamBox lessons per week outside of school, otherwise a new streak will begin in their Week Streak counter. All students can log their progress using the [Holiday Tracker](#) on page 5.



# HOLIDAY BREAK

## Math Activities

DreamBox families! Keep your kids engaged in learning over the break with fun activities that expose them to real life math and spark their creativity.



**Be a Cookie Monster** | Measurements & Fractions Everyone loves cookies! Use a cookbook or back of a mix box to reference amounts, then double or triple the recipe to incorporate fractions for a tasty learning experience.

**Shop for Gifts** | Percentages

Setting a budget for gifts or using a gift card for needed items is good percentage practice. If items are on sale, kids can figure out new prices based on the percentage discount.



**Visit TED** | Calculations & Conversions

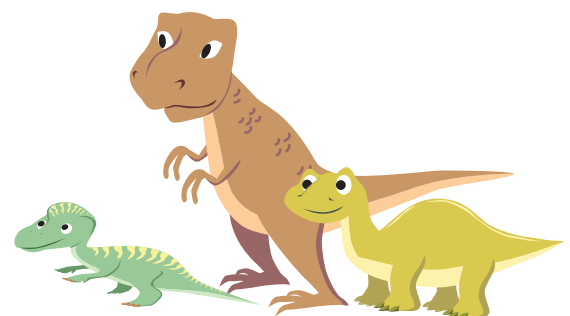
Watch videos from the [TED-Ed](#) Math in Real Life series, which features original, animated math lessons and inspirational ideas.

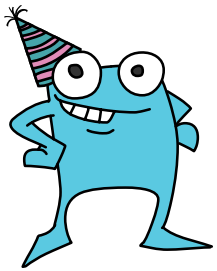
**Check the Temps** | Calculations & Conversions

Practice reading a thermometer and keep a log of each day's temperatures. Calculate the difference in temperatures between days and make educated predictions about the next day's temperature. Advanced students can practice converting temperatures from Fahrenheit to Celsius.

**Walkabout** | Geometry

Math is all around us — 2D and 3D shapes are everywhere! Take a walk. If kids have a phone, they can snap pictures and share them once school is back in session or create their own notebook to track shapes they've spotted.



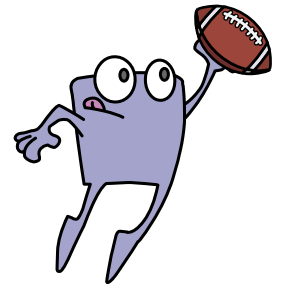


### Plan a Party | Calculations

Hosting a holiday party requires calculating amount of food needed for guests, costs for decorations, the amount of time needed for preparation and more.

### Not-Fantasy Football | Measurements & Graphing

Keep track of yards gained and lost from running versus passing plays of your favorite football team. Make comparisons between the best players and display it graphically.

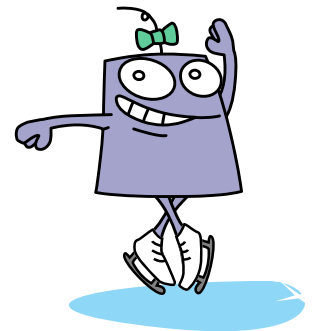


### Take a Drive | Estimation

Estimate when a mile has been traveled, then verify it an odometer. At the gas station, calculate how much the total will be based on the cost per gallon.

### What's the Winter Solstice? | Graphing

[Windows to the Universe](#) explains sun movements that can be used to create a graph. Check the weather page online or in the newspaper for sunrise and sunset times over a week or two for double bar graph stats.



### Wrap It Up | Surface Area

Choose a gift box, find the area of an object and work out the smallest rectangle of paper needed to wrap it, so that it's completely covered.

# DreamBox Holiday Tracker

DECEMBER 2023



Name:



MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

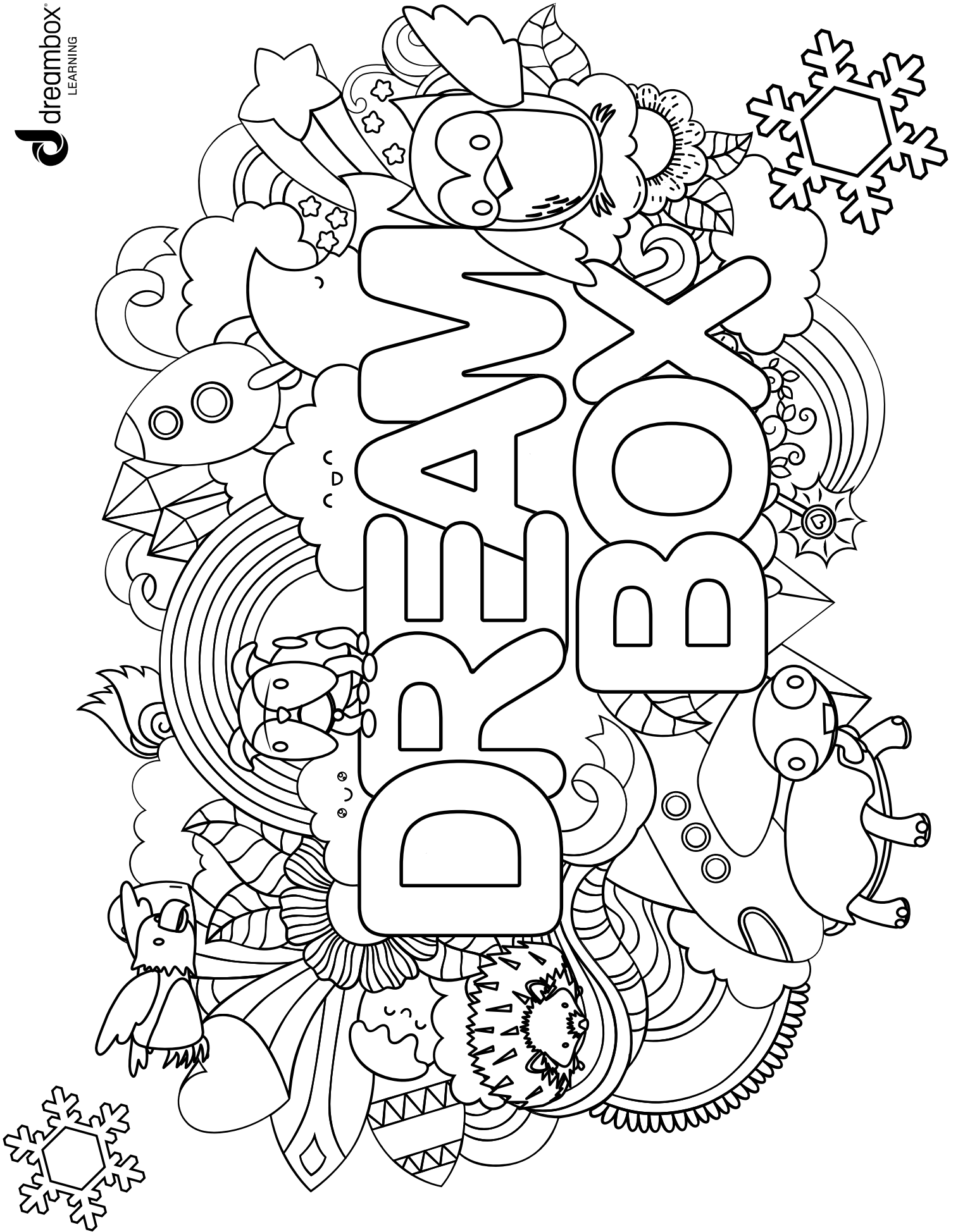
SATURDAY

SUNDAY

THIS WEEK

MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY		THIS WEEK	
Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Completed 5 lessons this week	<input type="checkbox"/>
4	5	6	7	8	9	10	11	12	13	14	15	16	17	Completed 5 lessons this week	<input type="checkbox"/>
Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Completed 5 lessons this week	<input type="checkbox"/>
11	12	13	14	15	16	17	18	19	20	21	22	23	24	Completed 5 lessons this week	<input type="checkbox"/>
Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Number of minutes:	Lessons completed:	Completed 5 lessons this week	<input type="checkbox"/>
18	19	20	21	22	23	24	25	26	27	28	29	30	31	Completed 5 lessons this week	<input type="checkbox"/>

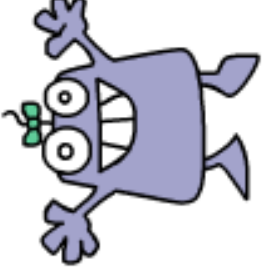




# Drawing a Dreambox Character

Character: A Güb

Difficulty level: Easy



1



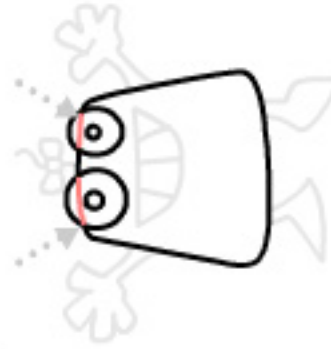
Start with a curved box that's wider at the bottom. The box will also be a little taller than it is wider.

2



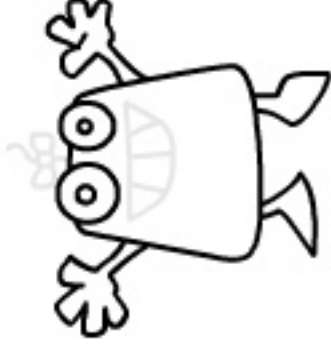
Add the eyes. It's ok for the eyes to overlap the box. You'll erase it next.

3



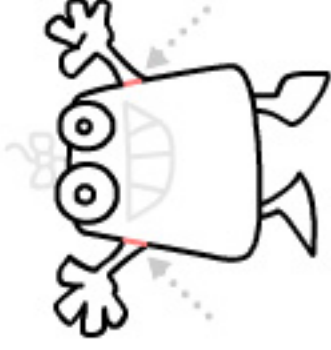
Now erase parts of the box marked red so that the eyes are clear. If you accidentally erase other parts, just redraw those lines.

4



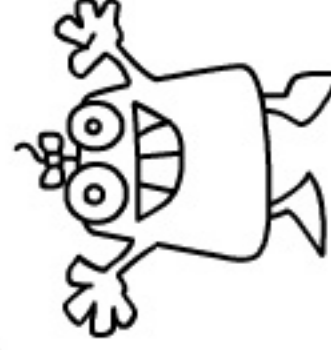
Draw in the arms and legs. Take your time—it's the hardest part of the drawing.

5



Erase the part of the box where the arms meet it (marked in red).

6



Finally, add the mouth and ribbon on top. Now you can color your Güb! (See picture at the top.)

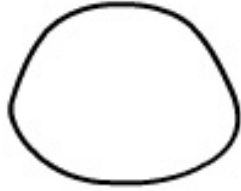


**ALL DONE!**

# How to Draw Hemi

①

Draw a circle for the head.



⑤

Small circles below the body make feet.



②

Add a body below the head that looks like this:



⑥

Add a face!



③

Add lines to define the belly.



⑦

Finish everything by drawing two arms.



④

Draw large ears on the head.



⑧

Add color.

