

Odd or Even?

TASK BOX



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TWO TILE COLORS, ONE BOX

Sections 1 and 2 are the same cards twice: accent-colored numeral tiles for a laminated box, black-on-white tiles for a photocopier or a copy that goes home. There is no picture to swap — every numeral is plain printed text. Nothing on a card says its level except a dot code in the corner.

PRACTICE, NOT A TEST

Independent work practice with a data sheet attached. It counts cards placed in the right bin and nothing else; what that means for a student is your team's call.

Start Here — Three Steps

Ninety seconds of reading. The cards need scissors and nothing else.



1

Print and cut

Print the sort mat and the three card pages from the color set (pages 6–9) on cardstock, or the ink-saver set (pages 11–14) on plain paper. Laminate if the box will live in a rotation.

Cut along the dashed lines. Keep each level in its own bag; the dot code puts a mixed-up box back together.



2

Run a round on the mat

Lay the mat down. Hand over one round — two, three or four cards — and say the same short line each time (page 21). The child places each card in the ODD bin or the EVEN bin.

Start at Level 1 unless the student already sorts three-card rounds without help; the answer key (page 16) has every round.



3

Record and graph

Write the date, the level, cards correct and cards given on the data sheet (page 17) the same day, and what help was given in your own words.

Plot the percent on the graph (page 18). Send the family page (page 20) home the week the box is new.

WHAT THIS FILE IS

A fillable PDF with cut-apart numeral tile cards and a sort mat built in, plus the data pages behind them. It works offline, with no account or subscription, and prints the same on every machine.

WHAT THIS FILE IS NOT

It is not an editable online slideshow or word-processor document, and it is not a test of anything. It carries no prompt hierarchy, fading schedule or mastery rule; it describes how to run the rounds already printed and how to count what happened.

THE RULE EVERY PAGE IN THIS FILE FOLLOWS

Nothing here decides what a percent means for a student, when to move up a level, or what the goal should say. Every one of those is a blank you fill from your own team's plan and your district's wording.

IF SOMETHING DOES NOT WORK

A field will not hold my typing. Open the file in Adobe Acrobat Reader (free) or Preview, not a browser tab.

A student sorts by position, not by reading the number. Mix the bins (swap which side is ODD and which is EVEN) for a session and see if the score changes; the **Ask a Question** tab on the product page reaches me, and a fix is a free update.

CONFIDENTIALITY, AND WHERE THIS FILE LIVES

A filled-in data sheet, graph or example-style note is a student record: initials only on anything that leaves your hands, first name only on the family page. The cards and mat live in the box; the data sheet and graph stay in the student's folder so the trend is the first thing anyone finds.

MAT

Sort Mat (Color)

ODD	EVEN
1 3 5	2 4 6

CARDS

Level 1 Cards (Color)

12 rounds, two cards per round — 24 cards: 12 odd, 12 even. Print on cardstock, cut along the dashed lines. This is the color tile set; the same rounds are on page 12 in the ink-saver set.

ROUND 1 1	ROUND 1 24	ROUND 2 3	ROUND 2 22	ROUND 3 5	ROUND 3 20
ROUND 4 7	ROUND 4 18	ROUND 5 9	ROUND 5 16	ROUND 6 11	ROUND 6 14
ROUND 7 13	ROUND 7 12	ROUND 8 15	ROUND 8 10	ROUND 9 17	ROUND 9 8
ROUND 10 19	ROUND 10 6	ROUND 11 21	ROUND 11 4	ROUND 12 23	ROUND 12 2

RUNNING A LEVEL 1 ROUND

Hand over one strip, cut into its two cards. The numbers are small (1 through 24) and the round always pairs one odd with one even, so a child who is counting on fingers can check either card. Each card goes into the ODD bin or the EVEN bin.

THE DOT CODE

One dot in the corner means a Level 1 card. If the box gets mixed up, the dots put it back together without reading a number. Every round is listed on the answer key (page 16).

CARDS

Level 3 Cards (Ink-Saver)

6 rounds, four cards per round — 24 cards: 12 odd, 12 even. Print on cardstock, cut along the dashed lines. This is the ink-saver (black and white) tile set; the same rounds are on page 9 in the color set.

ROUND 1 18 ...	ROUND 1 19 ...	ROUND 2 38 ...	ROUND 2 39 ...	ROUND 3 58 ...	ROUND 3 59 ...
ROUND 1 20 ...	ROUND 1 21 ...	ROUND 2 40 ...	ROUND 2 41 ...	ROUND 3 60 ...	ROUND 3 61 ...
ROUND 4 78 ...	ROUND 4 79 ...	ROUND 5 48 ...	ROUND 5 49 ...	ROUND 6 97 ...	ROUND 6 98 ...
ROUND 4 80 ...	ROUND 4 81 ...	ROUND 5 50 ...	ROUND 5 51 ...	ROUND 6 99 ...	ROUND 6 100 ...

RUNNING A LEVEL 3 ROUND

Four cards cut as a 2 × 2 block, all drawn from a tight band of numbers next to each other (for example 18, 19, 20, 21). A child cannot sort by how big the number looks here — every card takes reading the last digit. Three dots mark this level.

MIXING LEVELS IN ONE BOX

A student who is solid at Level 3 can get a mixed handful from all three levels; the dots sort them back afterward. Record the level as “mixed” on the data sheet so the percent is read against the right rounds.

 LOG

Task Box Data Sheet

One row per session. It measures one thing: numeral cards placed in the correct bin (odd or even), now across the full 1-100 range. Plot the percent on page 18.

STUDENT

GOAL (YOUR DISTRICT'S OWN WORDING)

CRITERION (YOUR TEAM SETS IT)

#	DATE	LEVEL	ROUNDS GIVEN	CARDS CORRECT	CARDS GIVEN	PERCENT	HELP GIVEN	INITIALS
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

FIGURING THE PERCENT

Cards correct divided by cards given, times 100, rounded to the nearest whole number. Score cards, not rounds: a Level 3 round with three of four placed right is 3 of 4. A card left off the mat counts as given and not correct.

THE HELP COLUMN IS YOUR OWN CODE

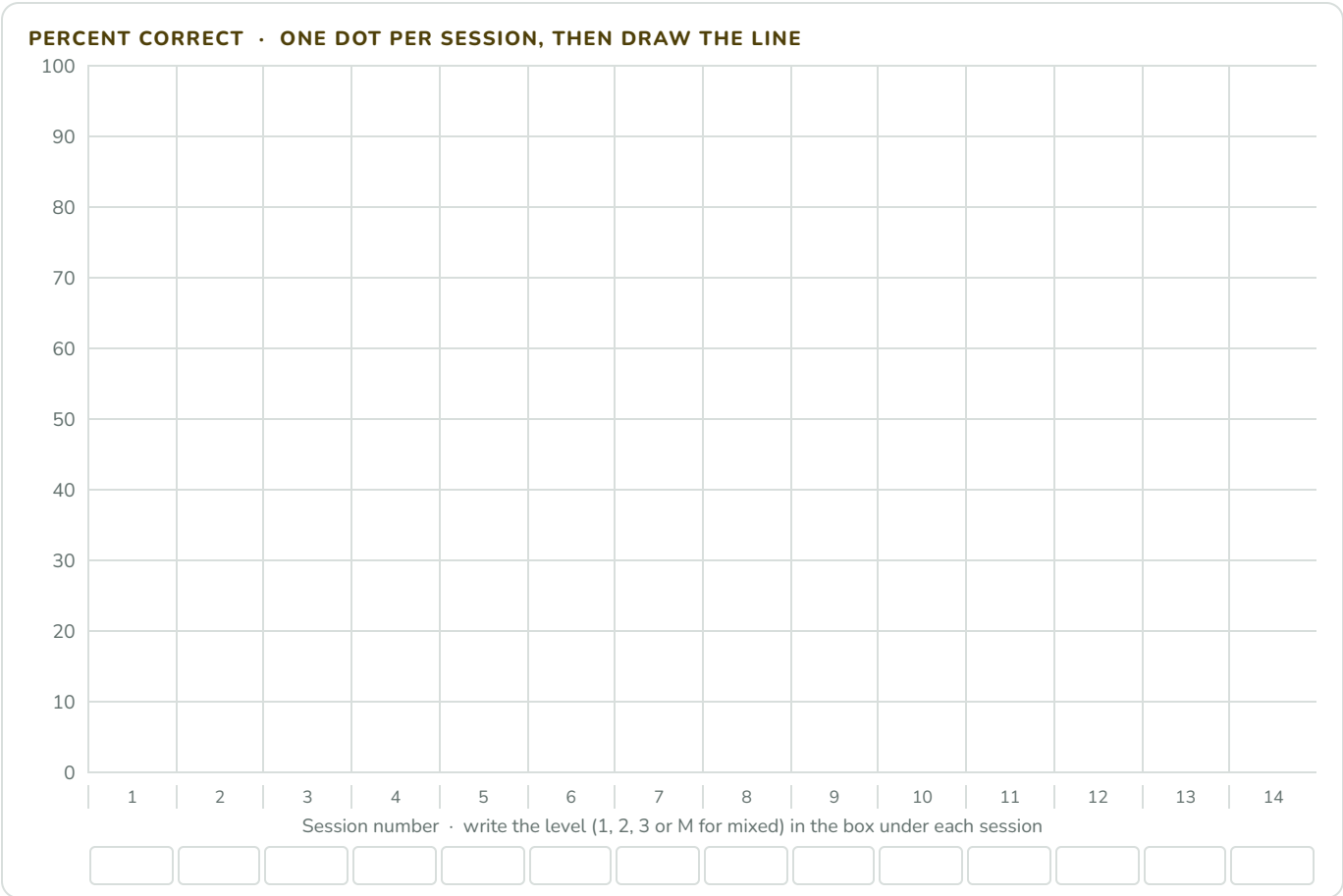
Write what you actually did — nothing, pointed at the mat, repeated the words, showed one card first. Use the same short words every session so two rows can be compared. This file does not supply a prompt hierarchy or a fading rule; that is your team's plan.

TRACKER

Percent Graph

Fourteen sessions across, 0 to 100 percent. One graph per student per task box.

STUDENT	TASK BOX	CRITERION (YOUR TEAM SETS IT)



A LEVEL CHANGE IS A BREAK IN THE LINE

When the level goes up, expect the percent to dip — that is a harder set, not a lost skill. Start a fresh line segment at each level change so the graph is read within a level, not across one.

SETTING THE CRITERION FIELD

This page prints no target and no typical rate. Write the criterion your team agreed to in the field above before the first session, from the goal on the data sheet (page 17), so every dot is read against the same line.

BRINGING THIS PAGE TO A MEETING

A line is easier to read across a table than a column of percents. Copy or screenshot this page for a progress report or a family conference; the raw rows stay on the data sheet.

THREE FLAT SESSIONS

Three sessions in a row flat or falling within one level is a reason to read the help column and the notes on the data sheet, not a reason to wait for a fourth. This page counts what is plotted; it does not decide what a flat line means.

EXAMPLE

Filled Example

SAMPLE · INVENTED STUDENT

Every number in the read-out is re-counted straight from the table above.

Devon is invented, and so is every mark on this page. 8 sessions on this task box, moving up a level when the percent held at the team's criterion for two sessions running.

#	DATE	LEVEL	ROUNDS	CORRECT	GIVEN	PERCENT	HELP GIVEN
1	9/8	L1	1–6	11	12	92%	None
2	9/10	L1	7–12	12	12	100%	Pointed at the mat once
3	9/15	L2	1–4	8	12	67%	Repeated the words
4	9/17	L2	5–8	10	12	83%	None
5	9/22	L2	1–4	12	12	100%	None
6	9/24	L3	1–3	7	12	58%	Repeated the words
7	9/29	L3	4–6	9	12	75%	Pointed at the mat once
8	10/1	L3	1–3	11	12	92%	None

READING THE NUMBERS

Session 1, Level 1: 11 of 12 cards, 92 percent. The first Level 3 session was 7 of 12, 58 percent — a dip on a harder set, which is the expected shape. The most recent session is 11 of 12, 92 percent. Every percent above is that row's own correct count divided by its given count, rounded to the nearest whole number.

A LINE THIS SHEET COULD WRITE

"On the odd / even sort task box (Level 3, four cards per round), Devon sorted 7 of 12 cards correctly on 9/24 and 11 of 12 on 10/1 (help given: none)."

HOW THE GRAPH WOULD LOOK

8 dots across, with a fresh line segment starting at each level change (page 18); the level box under each session reads 1, 1, 2, 2, 2, 3, 3, 3 for this table. The criterion field would hold whatever Devon's team wrote, not a number this file supplies.

WHAT THIS EXAMPLE IS NOT

One invented child's 8 sessions. It does not predict how quickly any real student moves between levels and sets no typical rate for this sort — it exists only to show how the data sheet, the graph and the phrase bank read once real numbers are on them.

THE HELP COLUMN, FILLED IN

Every entry is what the adult did, in the same short words each time — "none," "pointed at mat once," "repeated the words." None of them is a label for Devon. A row that reads "none" on the help column and 100 percent on the score is what independent work looks like on paper.