

Free MO SW-PBS Data Collection Tools to Support Targeted & Intensive Interventions



MU Center for SW-PBS
College of Education
University of Missouri







Free MO SW-PBS Data Collection Tools

to Support Targeted & Intensive Interventions



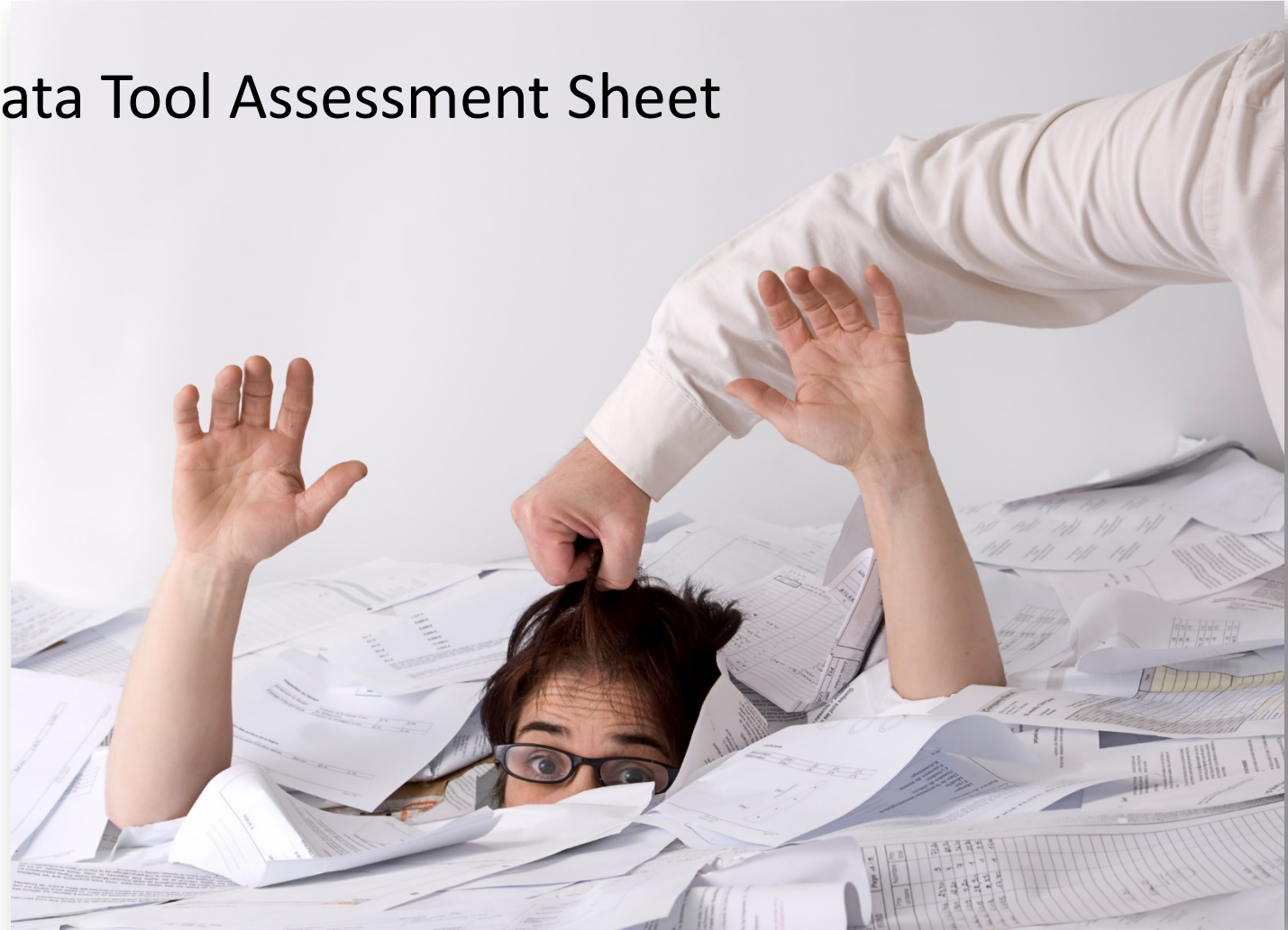
At the end of this session, you will...

-  Know the purposes of the MO SW-PBS Tier 2/3 Data Tools
-  Know how to access MO SW-PBS Tier 2/3 data tools
-  Have a basic understanding of *how* to enter data into each of the MO SW-PBS Tier 2/3 Data Tools
-  Evaluate the options and select the tool(s) that best serve your school's needs



Handouts

- HO1: MO SW-PBS Tier 2/3 Data Tool Assessment Sheet
- HO2: Dana
- HO3: Jeremy
- HO4: Sally





About the Wireless...

- Please disconnect all but one device
- Share a device
- The google doc electronic notes is also a word document in your handout packet (HO1)
- Practice with excel



Start with the “Why”

- To create a safe and orderly learning environment for *all* our students.
- To ensure positive academic and behavioral outcomes for *all* of our students
- To establish cycles of continuous improvement



To do this, we must...

- Identify challenging behaviors and define the context
- Identify the function of problem behaviors
- Select interventions that are targeted and individualized to address the function of behavior
- Monitor and adjust

Data



MO SW-PBS Data Tools

Tier 1: School/program wide

- Big-5 Generator
- Data Collection Tool
- EC Data Collection Tool



Tier 2 Targeted/Tier 3 Intensive

- Advanced Tier Spreadsheet (Classic)
- ATS for Google Sheets (Classic)
- Advanced Tier Spreadsheet (Segments)
- ATS for Google Sheets (Segments)
- Behavior Intervention Plan-Intervention Tracker (BIP-IT)

Access MO SW-PBS Tier 2/3 Data Tools



Electronic Notes

- This is an interactive presentation
- You will be assessing the tools as you try them
- You may use google doc, or HO1 Word Doc
- Enter Pros and Cons of each tool in the appropriate box



Find the Right Tool!

Tool	Pros	Cons
<p>Advanced Tiers Spreadsheet (Classic)</p>	<ol style="list-style-type: none">1. Free2. Easy to use3. Generates a trendline4. Includes a weekly average5. Includes a 10 day rolling average	<ol style="list-style-type: none">1. Does not track by class period; this might make it harder to identify function of behavior, or teachers who need support2. Only one person can enter data at a time3. Tier 1 data kept in a separate data base.

Tier 2/3 Data Tools

Advanced Tier Spreadsheets



Tier 2/3 Data Tools

- Advanced Tier Spreadsheet (ATS) Classic
- ATS Classic for Google Sheets
- ATS Segments
- ATS Segments for Google Sheets

Advanced Tier Spreadsheet (Classic)

Advanced Tier Data Collection

Main Menu

Set Up

Student Information

Student Data Entry

1	2	3	4	5	6	7	8	9	10	11	12	13
0	0	0	0	0	0	0	0	0	0	0	0	0
14	15	16	17	18	19	20	21	22	23	24	25	26
0	0	0	0	0	0	0	0	0	0	0	0	0
27	28	29	30									
0	0	0	0									

ATS Classic v. ATS Segments

ATS Classic

- Enter sum of points, once per day
- Charts daily points
- Generates a trendline
- Easy to use

ATS Segments

- Enter points for each *time segment*
- Charts daily points *and* time segment points
- Generates a trendline
- Provides rich data for decision making

Practice

- You will need...
 - HO2 Dana
 - Advanced Tier Spreadsheet (Classic)
- Assignment (10 minutes)
 - Enter student name in Student Info Page
 - Enter 1 week worth of points



Main Menu

Instructions

Define Periods

Student Information

Student Data Entry

1	2	3	4	5	6	7	8	9	10	11	12	13
0	0	0	0	0	0	0	0	0	0	0	0	0
14	15	16	17	18	19	20	21	22	23	24	25	26
0	0	0	0	0	0	0	0	0	0	0	0	0
27	28	29	30									
0	0	0	0									

0	0	0	0
31	32	33	34

Practice

- You will need...
 - HO3 Jeremy
 - Advanced Tier Spreadsheet (Segments)
- Assignment (10 minutes)
 - Enter student name in Student Info Page
 - Set up periods and points possible
 - Enter 1 week worth of points



ATS Google Tools

- Can be accessed by anyone, with permission, from anywhere a device can be connected
- Do everything that the excel spreadsheets do
 - IPads do not show trendline
 - Do not have moveable phase change lines
- Multiple people can edit simultaneously



ATS Google Tools

- Directions

- Log into your Google Drive
- Go to <http://pbissmissouri.org/tier-2-and-tier-3-data-tools/>
- Click on link to desired Google Tool
- Click on “Make a Copy”
 - This saves a copy to your Google Drive





Scenarios
(5-26-2017)

Advanced
Tier
Spreadsheet
Instructions

Instructions for using the **ATS-Classic**, the **ATS-Segments**, the **ATS-Classic for Google Sheets**, and the **ATS-Segments for Google Sheets**.

Advanced
Tier
Spreadsheet
Classic
(ATS-
Classic)

The **ATS-Classic** is used to monitor Tier 2 and Tier 3 data. It does so by calculating a percent, and charting the calculated percentages. A calculated percent gives a percentage in which looked for events occur out of possible opportunities. This could include points earned out of points possible (as in CICO); assignments completed out of assignments given; behavior events observed out of the number of time segments sampled; behavior events observed out of time duration sampled; or behavior duration observed out of duration of observation.

Users record a sum of all points or observed events for the entire day. The ATS charts daily points, allowing comparisons from one day to the next.

Advanced
Tier
Spreadsheet
Classic for
Google
Sheets

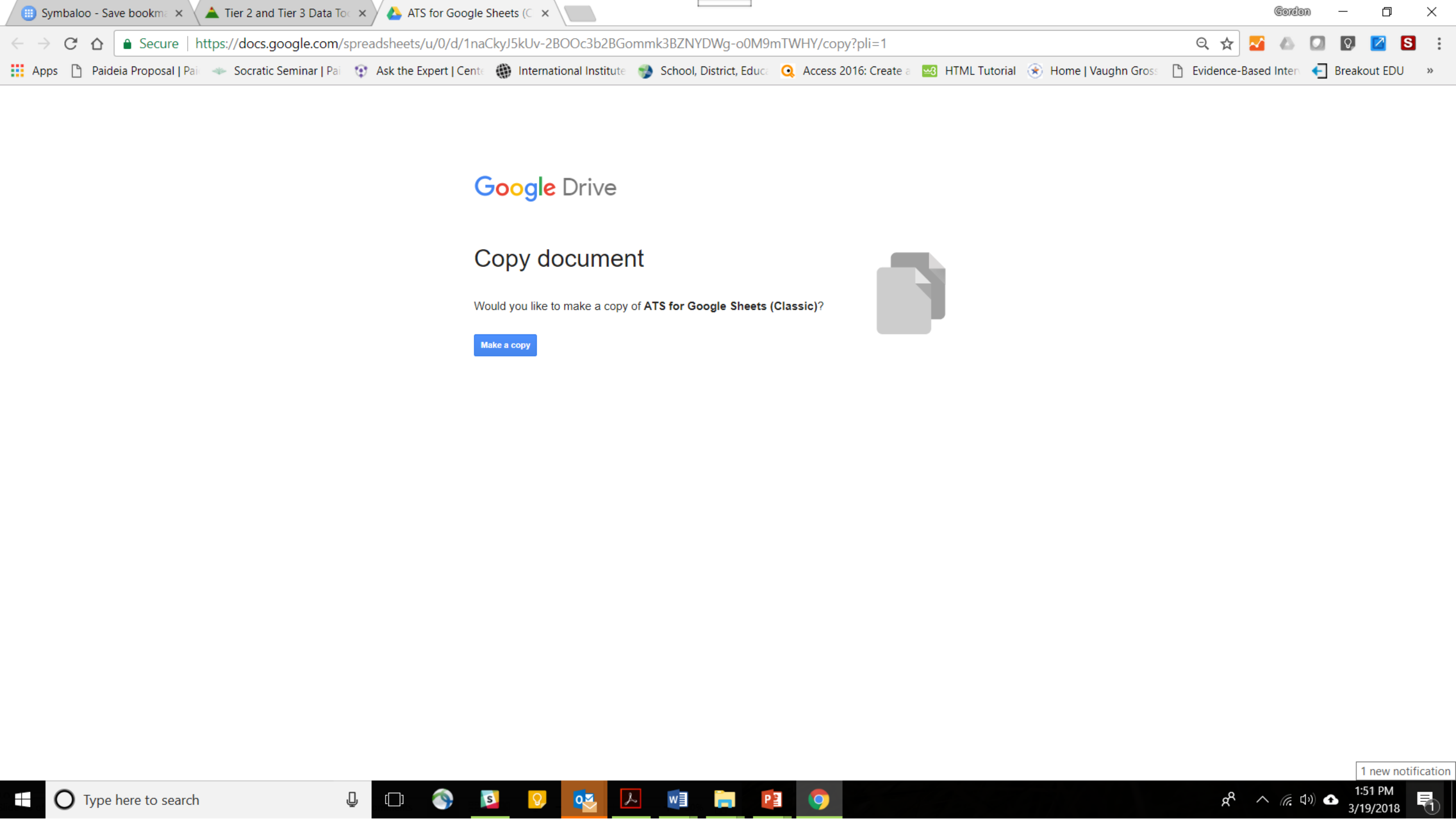
The **ATS-Classic for Google Sheets** has most of the functionality of the excel version, and is shareable among school staff with a need to know and a need to access. This allows users to update the database from different locations throughout the building, and on different devices, provided they have internet access.

To obtain a copy of the **ATS-Classic for Google sheets**, click on the link, then click "Make a Copy." This will save a clean, confidential copy to your Google Drive.

Advanced
Tier
Spreadsheet

The **ATS-Segments** allows the user to collect and analyze data for up to 7 periods during the day. This allows users to compare periods of the data. By comparing





Google Drive

Copy document

Would you like to make a copy of **ATS for Google Sheets (Classic)**?

Make a copy



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Student Number	Student Name	Date of Identifica	Method of Identification	Grade	Gender	Ethnicity	Race	IEP Status	# ODRs	# Minors	# Absences	# Tardies	Is Student Above/ Below Grade Level?	GPA	Has Student Been Taught the Expectations?	Has Student Received Recogni
2	1																
3	2																
4	3																
5	4																
6	5																
7	6																
8	7																
9	8																
10	9																
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Behavior Intervention Plan- Intervention Tracker (BIP-IT)

Tier 2/3 Data Tools



About BIP-IT

- One student/one spreadsheet
- Team tab for names, roles and emails
- Tracks 2 behaviors and fidelity of intervention implementation
- Can track absolute counts, absolute time, calculated percentages, ratios, and ratings
- Charts each behavior and fidelity ratings on separate graphs, and...
- Charts both behaviors and fidelity ratings on an overlay chart





Operationally Define Behavior

Can you continuously monitor the behavior

Yes

No

Interested in Frequency Recording

Interested in how long behavior occurs?

Results in a permanent product

High frequency behavior?

High frequency short duration?

Low Frequency Behavior

Event Recording

Duration Recording

Permanent Product

Whole Interval

Momentary interval

Partial Interval



Data Type	Definition	Behavior	Opportunities	When to use
Absolute Count	Count of events	Count	N/A	Low frequency, short duration behaviors that can be monitored continuously
Frequency	Count of events out of time segments or number of opportunities	Count	Number of time segments; number of opportunities	Discrete, high frequency events using time segment sampling
Calculated Percent	A variation of frequency in which the percentage is calculated out.	Count or points	Points or count possible	DPR points, permanent products such as assignments completed
Absolute Duration	Duration of an event	Duration (minutes)	N/A	Low frequency, long duration behaviors that can be monitored continuously
Rate	Count of events or duration of time out of duration of observation	Count or duration (minutes)	Duration of observation (minutes)	Discrete, high frequency events using time sampling

Practice

- You will need...
 - HO4 Sally
 - BIP-IT
- Assignment (10 minutes)
 - Enter 1-3 week worth of points



What are your next steps?



Questions?!?

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