Action Items

1. Maayana check in library whether we can get API files for SCOPUS

If so, Maayana passes the code to Ilana

Meeting – Ilana and Roza to proceed

1. Without the API code, we proceed with the existing Excel file
2. Maayana asks library if/how to use list of authors to get countries + universities
3. We add to Prisma

Ask Shani for the following analysis:

1. Number of Articles Published per Year.
2. Number of Articles Dealing with methodology.
3. Distribution of publications from 1980 to 2024 for each methodology- Breakdown by year for all 4 + frequencies for all 4. – לנסות שכל הברים יהיו ביחד או לחלק לשתי קבוצות של שנים
4. Frequency of mathematical topics overall – Algebra; Geometry; Numeracy, Arithmetic/calculations, statistics, etc. also breakdown by years. לנסות שכל הברים יהיו ביחד או לחלק לשתי קבוצות של שנים
5. For each methodology, frequency of the mathematical topics (how many EEG studies were re: arithmetic, how many re: numerical cognition, etc) (<- Roza will write the keywords)
6. Authors with more than 5 articles
7. Journals with more than 10 articles
8. How many times do we have giftedness, math anxiety, etc (psychology terms).

The 4 types of methodologies: EEG (includes ERP and ERD), fMRI (includes MRI), fNIRS, eye movement/eye tracking.

5 Main methodology:

1. EEG – ERP , ERD, iEEG, ML ;
2. fMRI/MRI
3. Eye-tracking
4. fNIRS
5. GSR
6. MEG

Stimulation:

1. tDSC

mathematical topic

1. Algebra
2. Geometry
3. Numeracy
4. Arithmetic
5. Statistics/probability
6. Calculus
7. ALT

psychology terms:

1. Math-giftedness
2. Math-expertise
3. General- giftedness
4. Math-anxiety
5. Math-abilities
6. Math-skills
7. Dyscalculia
8. Math-difficulties