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Lisa Rezac* (lmrezac@stthomas.edu), UST Math Department OSS 201, 2115 Summit Avenue, St. Paul, MN 55105. Disseminating Mathematical Activities for Outreach Programs. Preliminary report.

Planning meaningful activities for outreach programs takes time, creativity, and mathematical expertise. We have benefitted greatly from informal sharing of material for different outreach programs, including math camps, enrichment activities and seminars for STEM instructors. We propose a sourcebook to formally disseminate successful outreach activities. This sourcebook will have two parts: first a selection of vetted activities not previously published, and second, a list and review of already published activities. In this talk we will share a proposed format for previously unpublished activities and call for contributions in this format. Outreach directors interested in contributing or using such a sourcebook are encouraged to attend or contact the presenter and share their ideas. The goal will be to help more outreach program directors have access to great activities and resources that are time-tested and organized according to mathematical content, length of activity, and mathematical maturity level. (Received September 20, 2016)