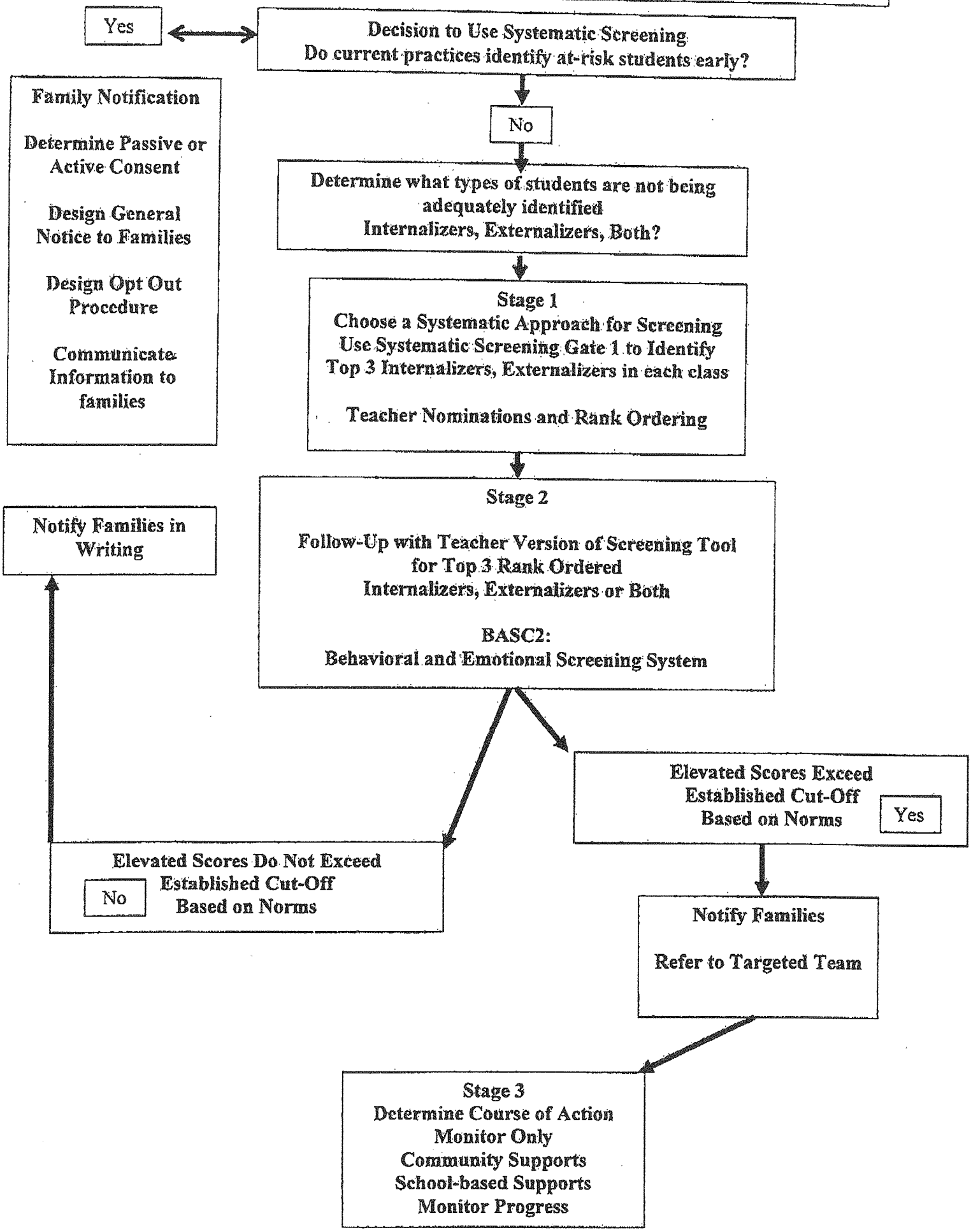NH CEBIS Process for Designing Systematic Screening