

NATRI Essential Element Delphi Study
The 63 Validated Essential Elements of Assistive Technology Assessments
The 31 Essential Elements of Assistive Technology Assessment Reports (*italicized*)

Student Background Information

Background Information: Student

- 1 *name*
 - 3 *birth date/chronological age*
 - 4 current services received by student
 - 7 language used (participant-added element)
-

Background Information: Health/Medical

- 8 *documented sensory impairments (participant-added element)*
-

Background Information: Family

- 9 parents' names
 - 10 contact information
 - 11 home language (participant-added element)
-

Background Information: School

- 12 *school/district*
 - 13 *primary school contact & current key educators & direct service providers*
-

Background Information: Referral

- 2 referral date
 - 6 *IFSP/IEP goals and/or desired outcomes*
 - 14 *reason for referral*
 - 40 *tasks (element category)*
-

Background Information: Sensory

- 17 *sensory (element category)*
 - 18 *vision (element category)*
 - 19 vision - adaptive/alternative input & output
 - 20 hearing/auditory (element category)
 - 21 hearing/auditory - adaptive/alternative input & output
 - 22 Is vision an area of concern for this student? (participant-added element)
-

Background Information: Skills & Abilities

- 63 student skills & abilities (element category)

Background Information: Communication

23 receptive

24 *expressive (element category)*

25 expressive - method/mode

26 expressive - augmentative communication system

27 *Is communication an area of concern for this student? (participant-added element)*

Background Information: Learning/Cognition

28 *cognitive skills & abilities*

29 *Is cognition an area of concern for this student? (participant-added element)*

Background Information: Motor

30 motor (element category)

31 fine motor skills

32 *gross motor – mobility*

33 *gross motor - postural stability*

34 *Are motor abilities [sic] and movement areas of concern for this student? (participant-added element)*

Background Information: Psychological/Social/Emotional

35 Are there psychological, social, or emotional concerns related to this student? (participant-added element)

Background Information: Tools

43 *technology (no- to high-tech) used in the past & no longer in use (element category)*

44 *technology (no- to high-tech) currently/frequently used (category)*

45 impact of technology (no- to high-tech) currently/frequently used

49 strategies

Background Information: Environments

5 current placement/grade

Environments

36 *environments (element category)*

Environments: Natural/Customary

37 *educational environment/school*

38 work

Environments: External Factors

39 technology in the environment

Tools (technology use)

41 tools to perform tasks (technology use: no- to high-tech) (element category)

42 student preferences (participant-added element)

Tools: Comparison

46 comparison of use of technology (no- to high-tech) (element category)

47 comparison of impact of technology (no- to high-tech)

48 comparison of characteristics/features of technology (no- to high-tech)

Tools: Input/Switch Access

50 Does this student need to access other technologies by switch? (participant-added element)

Recommendations

51 recommendations (element category)

Recommendations: General

52 based on specified goals & objectives

53 features of technology (no- to high-tech) options are based on the student's needs in the identified environments in performing the identified tasks

54 recommendations about tools & strategies are made based on and justified with information about the student, environment, and the tasks

Action Plan

59 action plan (element category added through analysis)

56 responsibilities

57 timelines

58 training

55 trial

Reporting

60 report summarizes assessment - activities, devices, student response

61 names & titles of individual(s) compiling report

62 report date (element added through analysis)

Assessment

15 dates of assessment activities

16 assessment team (consultant/evaluator)
