List of tables

Page

Table 2.1. Common symptoms of hyperactivity/impulsivity…… 16
Table 2.2. Common symptoms of poor sustained attention …… 17
Table 2.3. Apps for primary level learners …….. 27
Table 2.4. Apps for secondary learners ……..... 29
Table 2.5 Summary of task classification…….... 32
Table 2.6. Formula for modern learning …….. 33
Table 3.1. Research plan and procedures……. 40
Table 4.1. ADHD students' learning styles and preferences …… 50
Table 4.2. Key competencies, appropriate teaching materials and teaching support ……..... 50
Table 4.3. Behavioral interventions, physical learning environment and academic instructional practices and activities…….. 52
Table 4.4. Learning styles, preferences and academic and behavioral needs…….. 53
Table 4.5. Learning styles, preferences and academic and behavioral needs indicated by ADHD students' parents……. 53
Table 4.6. Learning styles, preferences and academic and behavioral needs indicated by ADHD students' teachers…… 54
Table 4.7. Summary of information from needs analysis obtained from the semi- structured interviews……. 54
Table 4.8. Specify important findings from needs analysis……... 55
Table 4.9. The course components drawn from mapping results of the findings of the needs analysis…… 56
Table 4.10. Task-based lesson framework proposed in this study……..... 61
Table 4.11. below illustrates the over view of the English course, using a task-based approach for ADHD students..... 62
Table 4.12. English reading comprehension ability test (Paired-Samples t-test)…. 65

page

Table 4.13. Students' creativity (Paired-Samples t-test)…….. 66
Table 4.14. Descriptive statistics on evaluation of student self-efficacy……. 71
Table 4.15. information from student self-efficacy questionnaire …… 72
Table 4.16. Descriptive content domain…… 74
Table 4.17. Selected students' self-efficacy features and descriptive content domains…… 75

CHIANG MAI RAJABHAT UNIVERSITY

List of tables

Page

Table 2.1. Common symptoms of hyperactivity/impulsivity…… 16
Table 2.2. Common symptoms of poor sustained attention …… 17
Table 2.3. Apps for primary level learners …….. 27
Table 2.4. Apps for secondary learners ……..... 29
Table 2.5 Summary of task classification…….... 32
Table 2.6. Formula for modern learning …….. 33
Table 3.1. Research plan and procedures……. 40
Table 4.1. ADHD students' learning styles and preferences …… 50
Table 4.2. Key competencies, appropriate teaching materials and teaching support ……..... 50
Table 4.3. Behavioral interventions, physical learning environment and academic instructional practices and activities…….. 52
Table 4.4. Learning styles, preferences and academic and behavioral needs…….. 53
Table 4.5. Learning styles, preferences and academic and behavioral needs indicated by ADHD students' parents……. 53
Table 4.6. Learning styles, preferences and academic and behavioral needs indicated by ADHD students' teachers…… 54
Table 4.7. Summary of information from needs analysis obtained from the semi- structured interviews……. 54
Table 4.8. Specify important findings from needs analysis……... 55
Table 4.9. The course components drawn from mapping results of the findings of the needs analysis…… 56
Table 4.10. Task-based lesson framework proposed in this study……..... 61
Table 4.11. below illustrates the over view of the English course, using a task-based approach for ADHD students..... 62
Table 4.12. English reading comprehension ability test (Paired-Samples t-test)…. 65

page

Table 4.13. Students' creativity (Paired-Samples t-test)…….. 66
Table 4.14. Descriptive statistics on evaluation of student self-efficacy……. 71
Table 4.15. information from student self-efficacy questionnaire …… 72
Table 4.16. Descriptive content domain…… 74
Table 4.17. Selected students' self-efficacy features and descriptive content domains…… 75

CHIANG MAI RAJABHAT UNIVERSITY

List of figures

Page

Figure 2.1. A framework for program development process (Dudley-Evans and St John 1998., Munby, 1978)..... 12

Figure 2.2. Stages in course development (Yalden, 1983) 13

Figure 2.3. Classification of apps..... 27

Figure 2.4. Perceived need by different parties 30

Figure 4.1. The theoretical frameworks for English course, using assistive technology for students with ADHD..... 58