

CHAPTER SEVEN

FIRST YEAR NUMBER WORK

PAGE

1. INTRODUCTION	244
2. VALUE OF NUMBER WORK	244
3. ORIGIN OF THE NUMBER CONCEPT	245
4. METHODS IN VOGUE	248
5. GROUND USUALLY COVERED DURING THE FIRST YEAR	248
6. PLAN	249
Counting	249
7. ILLUSTRATIVE LESSON	249
(a) Lesson in Measurement	249
(b) Devices for Counting	252
(c) Correlation of Number and Language	254
(d) Lessons to Cultivate Ability to Judge Measurements	255
(e) Lessons to Secure Rapidity and Accuracy in the Combination and Separation of Small Numbers	258
(f) The Use of Charts	260
(g) Lesson in Written Work	262
(h) Lesson on Halves, Thirds and Fourths	263
(i) Lesson in Multiplication	264
(j) Lesson on the Use of the Ruler	267
(k) Lesson in Counting by Tens	267
8. CORRELATION OF NUMBER WORK WITH OTHER STUDIES	270
9. AIDS	270
(a) Books for Teachers	270
(b) Number Games	270
TEST QUESTIONS	271

CHAPTER EIGHT

SECOND YEAR NUMBER WORK

1. THE WORK OF THE SECOND YEAR	272
2. FACTS THAT THE TEACHER SHOULD REMEMBER	272
3. ORDER OF PROCEDURE	273
4. PRIMARY NUMBER FACTS	275
5. DEVICES	276
(a) Cards	276
(b) Number Circle	276
6. ILLUSTRATIVE LESSONS	277
(a) Addition	277
(b) Subtraction	281
(c) Simple Multiplication	283
(d) Multiplication Involving the "Carrying" Process	287
(e) Multiplication of Numbers in Which the Multiplier Consists of Two Figures	287