DAFTAR ISI

HALAMAN JUDUL ........................................................................................................... i
LEMBAR PENGESAHAN .......................................................................................... ii
MOTTO ....................................................................................................................... iii
PERNYATAAN ............................................................................................................. iv
ABSTRAK .................................................................................................................... v
KATA PENGANTAR ..................................................................................................... vi
UCAPAN TERIMA KASIH ........................................................................................... viii
DAFTAR ISI ..................................................................................................................... xi
DAFTAR TABEL ............................................................................................................ xiii
DAFTAR GAMBAR ......................................................................................................... xv
DAFTAR LAMPIRAN ....................................................................................................... xvi

BAB I  PENDAHULUAN ............................................................................................. 1
  A. Latar Belakang Masalah Penelitian ................................................................. 1
  B. Identifikasi Masalah Penelitian/Variabel ....................................................... 6
  C. Rumusan Masalah Penelitian ........................................................................ 6
  D. Tujuan Penelitian ............................................................................................. 7
  E. Manfaat Penelitian ........................................................................................... 8
  F. Asumsi Penelitian ............................................................................................ 8
  G. Hipotesa Penelitian .......................................................................................... 9
  H. Definisi Operasional ....................................................................................... 9

BAB II MODEL PEMBELAJARAN LEARNING CYCLE DAN PENGUASAAN KONSEP CAHAYA PESERTA DIDIK PADA MATERI CAHAYA .......................................................... 12
  A. Model Pembelajaran Learning Cycle ................................................................. 12

Dwi Agus Susanto, 2013
Perbandingan Efektifitas Model Pembelajaran Learning Cycle 5E Dan 7E Dalam Meningkatkan Penguasaan Konsep Cahaya Peserta Didik
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu
B. Penguasaan Konsep Cahaya ........................................... 20
C. Pembelajaran Materi Cahaya di Sekolah Dasar .................. 21

BAB III METODOLOGI PENELITIAN ........................................... 27
A. Metode dan Desain Penelitian ........................................... 27
B. Prosedur Penelitian ........................................................ 28
C. Lokasi dan Subjek Penelitian .............................................. 32
D. Instrumen Penelitian ...................................................... 32
E. Analisis Instrumen Tes Penguasaan Konsep ......................... 35
F. Analisis Data Penelitian .................................................. 44

BAB IV HASIL PENELITIAN DAN PEMBAHASAN .................... 49
A. Hasil Penelitian ............................................................ 49
B. Pembahasan ................................................................. 57

BAB V KESIMPULAN DAN SARAN ........................................... 99
A. Kesimpulan ................................................................. 99
B. Saran ......................................................................... 100

DAFTAR PUSTAKA ................................................................. 102

LAMPIRAN-LAMPIRAN ............................................................ 107

RIWAYAT HIDUP .....................................................................
DAFTAR TABEL

Tabel 2.1 Standar Kompetensi, Kompetensi Dasar dan Indikator Materi Cahaya Kelas V SD ................................. 22
Tabel 3.1 Desain Penelitian .................................................. 28
Tabel 3.2 Distribusi Soal Tes Penguasaan Konsep .................. 33
Tabel 3.3 Kriteria Validitas Butir Soal .................................. 37
Tabel 3.4 Hasil Uji Validitas Butir Soal ................................. 38
Tabel 3.5 Kriteria Reliabilitas Butir Soal ................................. 40
Tabel 3.6 Hasil Uji Reliabilitas Butir Soal ................................. 40
Tabel 3.7 Indeks Tingkat Kesukaran Butir Soal ......................... 41
Tabel 3.8 Hasil Uji Tingkat Kesukaran Butir Soal ......................... 42
Tabel 3.9 Kriteria N-gain .......................................................... 45
Tabel 3.10 Pedoman Penskoran Data Angket Skala Likert .......... 48
Tabel 4.1 Skor Rata-rata Pretest Peserta Didik pada Setiap Kelas ...... 50
Tabel 4.2 Skor Rata-rata Posttest Peserta Didik pada Setiap Kelas ...... 50
Tabel 4.3 Uji Normalitas Data Penelitian .................................. 52
Tabel 4.4 Uji Homogenitas Data Penelitian ............................... 53
Tabel 4.5 Uji One Ways Anova Data Pretest ............................ 54
Tabel 4.6 Skor t-Test N-gain .................................................... 55
Tabel 4.7 Analisis Perbandingan Data Kelas Kontrol dengan Kelas Eksperimen1 .......................................... 58
Tabel 4.8 Analisis Perbandingan Data Kelas Kontrol dengan Kelas Eksperimen2 ................................................. 60
Tabel 4.9 Analisis Perbandingan Data Kelas Eksperimen1 dengan Kelas Eksperimen2 ................................. 61

Dwi Agus Susanto, 2013
Perbandingan Efektifitas Model Pembelajaran Learning Cycle 5E Dan 7E Dalam Meningkatkan Penguasaan Konsep Cahaya Peserta Didik
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu
Tabel 4.10    Observasi Keterlaksanaan Model Pembelajaran Learning Cycle 5e  ................................................................. 64
Tabel 4.11    Observasi Keterlaksanaan Model Pembelajaran Learning Cycle 7e  ................................................................. 68
Tabel 4.12   Observasi Aktivitas Peserta Didik Kelas Eksperimen1 .......... 74
Tabel 4.13   Observasi Aktivitas Peserta Didik Kelas Eksperimen2 .......... 79
Tabel 4.14   Analisis Skala Sikap Guru terhadap Model Pembelajaran Learning Cycle ................................................................. 84
Tabel 4.15   Analisis Skala Sikap Peserta Didik terhadap Model Pembelajaran Learning Cycle 5e ..................................................... 88
Tabel 4.16   Analisis Statistik Skala Sikap Peserta Didik terhadap Model Pembelajaran Learning Cycle 5e ........................................... 91
Tabel 4.17   Analisis Skala Sikap Peserta Didik terhadap Model Pembelajaran Learning Cycle 7e ..................................................... 93
Tabel 4.18   Analisis Statistik Skala Sikap Peserta Didik terhadap Model Pembelajaran Learning Cycle 7e ........................................... 96
DAFTAR GAMBAR

Gambar 3.1  Bagan Alur Penelitian .......................................................... 31
Gambar 4.1  Diagram Skor Rata-rata Pretest, Posttest dan N-gain .......... 51
Gambar 4.2  Diagram Skor Rata-rata N-gain setiap Aspek Kognitif ........ 56
DAFTAR LAMPIRAN

Lampiran 1  Administrasi Penelitian ..............................................................
Lampiran 2  Instrumen Penelitian .................................................................
Lampiran 3  Analisis Butir Soal .....................................................................
Lampiran 4  Uji Statistik Data Penelitian ......................................................