

## ABSTRAK

Dina Sumiati. (2017). **Pengaruh Penggunaan Model Pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R) terhadap Peningkatan Kemampuan Pemahaman Matematis dan *Productive Disposition* Siswa SMA.** Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Pasundan.

Matematika adalah mata pelajaran yang diajarkan disetiap jenjang pendidikan. Matematika sebagai salah satu disiplin ilmu yang diberikan di sekolah, menjadikan kemampuan pemahaman matematis sebagai kemampuan yang harus dimiliki oleh setiap siswa. Adapun penelitian ini bertujuan untuk menelaah peningkatan kemampuan pemahaman matematis siswa antara siswa yang memperoleh model pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R) dengan siswa yang memperoleh model pembelajaran *Discovery Learning* dan untuk mengetahui pencapaian *Productive Disposition* siswa terhadap pembelajaran matematika dengan menggunakan model pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R). Metode yang digunakan dalam penelitian ini adalah metode eksperimen dengan desain kelompok kontrol pretes-postes. populasi dalam penelitian ini yaitu siswa kelas X SMA PGRI 1 Bandung. Adapun sampel penelitiannya yaitu dua kelas dipilih secara acak, kelas X IPS 2 sebagai kelas eksperimen yang diberikan perlakuan model pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R) dan X IPS 4 sebagai kelas kontrol yang diberikan perlakuan model pembelajaran *Discovery Learning*. Dan menggunakan skala *Productive Disposition* berisikan pernyataan-pernyataan mengenai kebiasaan siswa terhadap pembelajaran matematika. Data yang terkumpul kemudian diolah dengan bantuan aplikasi *software SPSS 16.0 for Windows*. Dari hasil analisis data penelitian, diperoleh kesimpulan: (1) Peningkatan kemampuan pemahaman matematis siswa yang mendapatkan model pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R) lebih baik daripada siswa yang mendapatkan pembelajaran *Discovery Learning*; dan (2) Pencapaian *Productive Disposition* siswa yang mendapatkan model pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R) lebih baik daripada siswa yang mendapatkan pembelajaran *Discovery Learning*. Dari kesimpulan, maka penulis menyarankan kepada guru untuk mempertimbangkan pembelajaran dengan model pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R) yang dapat dijadikan sebagai salah satu alternatif pembelajaran di kelas untuk meningkatkan kemampuan pemahaman matematis dan skala *Productive Disposition*.

**Kata Kunci :** Model Pembelajaran *Survey, Question, Read, Reflect, Recite, Review* (SQ4R), Kemampuan Pemahaman Matematis, dan *Productive Disposition*

## ABSTRACT

Dina Sumiati. (2017). *The influence of the use of learning model Survey, Question, Read, Reflect, Recite, Review (SQ4R) to improve the ability of mathematical understanding and Productive Disposition of high school students. Study of Mathematics Education Program. Faculty of Teacher Training and Education. University of Pasundan.*

*Mathematics as one of the disciplines has given in school that makes the ability of mathematical understanding as the ability that must be owned by every student. One alternative that can accomandate the ability of by student in learning understanding is using Survey, Question, Read, Reflect, Recite, Review (SQ4R) learning model is needed by student in learning and understanding math is by learning based on students productive disposition. The study aims to examine which is better the ability of student mathematical understanding among student who get Survey, Question, Read, Reflect, Recite, Review (SQ4R) learning model with student who obtain Discovery Learning model and to know student Productive Disposition in learning mathematics by using Survey, Question, Read, Reflect, Recite, Review (SQ4R). The method which is used in thus research is an experimental method with pretest-posttest control group design. Population in this study are all student of class X SMA PGRI 1 Bandung. The research samples are two classes of randomly selected classes, X IPS 2 use an experimental class that given the Survey, Question, Read, Reflect, Recite, Review (SQ4R) learning model and X IPS 4 use an control class that is given the Discovery Learning model. The test use is a description test. While the scale of attitude using Likert Scale contraining student statement about student productive disposition in the learning activies performed. The collected data are processed with the help of software program SPSS 16.0 for windows. The findings of yhis research show: (1) Different of mathematical understanding ability who acquired Survey, Question, Read, Reflect, Recite, Review (SQ4R) learning model is better than student who received Discovery Learning model, and (2) Student act positively toward math leasson, Survey, Question, Read, Reflect, Recite, Review (SQ4R) learning model and mmathematical understanding skill. From the conclusion, the researcher suggest to teacher to consident learning using the Survey, Question, Read, Reflect, Recite, Review (SQ4R) learning model than can be use as one of the classroom learning alternative to improve the ability of mathematical understanding and productive disposition students.*

**Keyword:** *Survey, Question, Read, Reflect, Recite, Review (SQ4R) learning model, Mathematical Understanding, and Productive Disposition.*

## ABSTRAK

Dina Sumiati. (2017). **Pengaruh Ngagunakeun Model Pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R) kana Paningkatan Kamampuan Pamahaman Matematis jeung Productive Disposition Siswa SMA.** Program Studi Pendidikan Matematika. Fakultas Kaguruan jeung Ilmu Pendidikan. Universitas Pasundan.

*Matematika mangrupikeun pangajaran nu diajarkeun disatiap jenjang pendidikan. Matematika salah sahiji pangajaran nu diajarkeun di sakola, ngajadikeun kamampuan pamahaman matematis kudu dipiboga ku satiap siswa. Tujuan panalitian ieu nyaeta nalaah paningkatan kamampuan pamahaman matematis antara siswa nu ngadapetkeun model pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R) jeung siswa nu ngadapetkeun pangajaran Discovery Learning jeung nalaah pancapaian Productive Disposition siswa ngahadeupan pangajaran matematika ngagunakeun model pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R). Metode panalitianna nyaeta siswa kelas X SMA PGRI 1 Bandung. Sampel panalitianna nyaeta metode eksperimen ku desain kelompok kontrol pretes-postes. Populasi panalitianna nyaeta dua kelas, kelas X IPS 2 kelas eksperimen ngagunakeun model pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R) jeung X IPS 4 kelas kontrol ngagunakeun model pangajaran Discovery Learning. Jeung ngeunaan kabiasaan siswa kana pangajaran matematika. Data nu kakumpul salanjutna diolah ku aplikasi software SPSS 16.0 for Windows. Hasil analisis panalitianna miboga kasimpulan: (1) Peningkatan kamampuan pamahaman matematis siswa nu ngagunakeun model pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R) leuwih alus ti siswa nu ngagunakeun model pangajaran Discovery Learning; jeung (2)Pancapaian productive disposition siswa nu ngagunakeun pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R) leuwih alus ti siswa nu ngagunakeun model pangajaran Discovery Learning. Panalitian ieu nyarankeun ka guru, nimbangkeun pangajaran di kelas ku model pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R) dijadikeun salah sahiji alternatif pangajaran jeung ningkatkeun kamampuan pamahaman matematis jeung skala Productive Disposition siswa.*

**Kecap Konci:** *Model Pangajaran Survey, Question, Read, Reflect, Recite, Review (SQ4R), Kamampuan Pamahaman Matematis, jeung Productive Disposition*