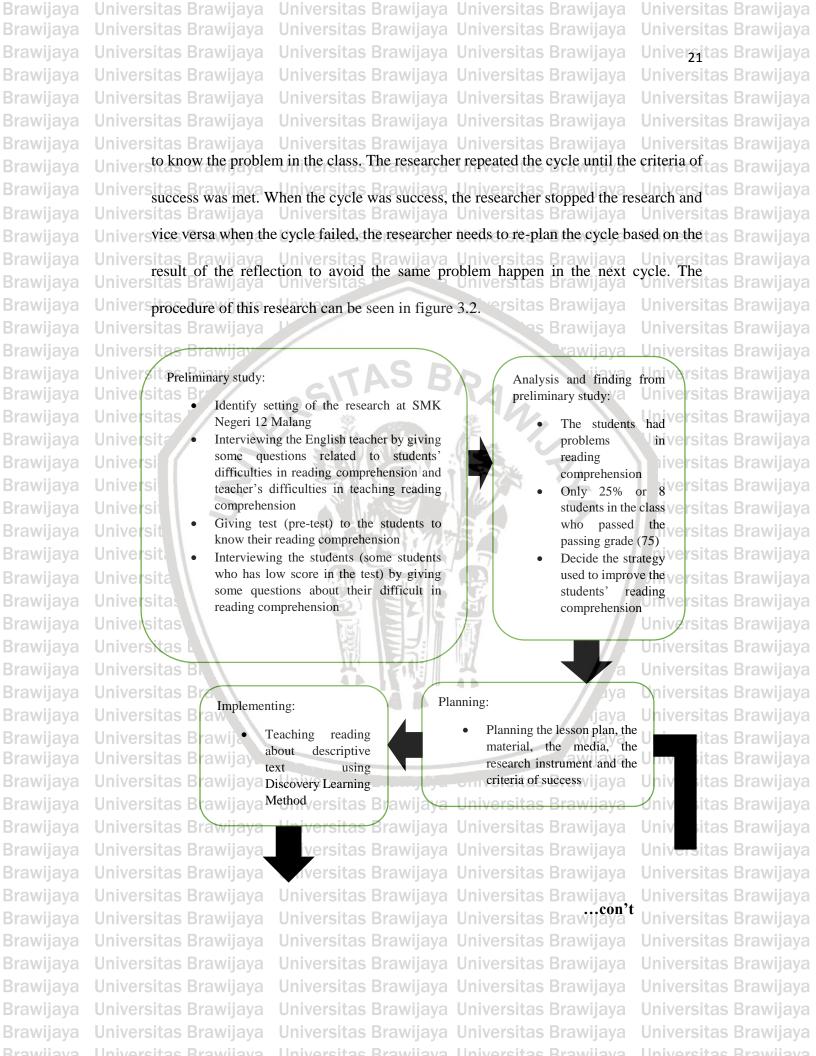
Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **RESEARCH METHOD** Universitas Brawijaya Universitas Brawijaya Universitas Brawijava Universitas Brawijava Universitas Brawijava Universitas Brawijava In this chapter, the researcher presents about research design, data sources, data Universitas Brawijava Universcollection, and data analysis. **Universitas Brawij** 3.1 Research Design Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universaction research is a kind of research which is used to examine teachers' technique or tas Brawijaya methodology, solve problem, and do an innovation in their teaching. Classroom action Universresearch is a practical research which means to repair learning activities in the class by tas Brawijaya Universan action to search answer about the problem happens in the classroom. The problem University should be the factual problem or real faced in the field (Wahidmurni, 2008). Universitas According to Kemmis and McTaggart (1992) in Cohen, et.al (2000) about the tas Brawijaya definition of action research, mentioned that action research is an approach to Brawijaya Universimproving education by changing it and learning from the consequence of changes. It as Brawijaya is participatory which people work towards the improvement of their own practices (and only secondarily on other people's practices). In addition, action research Universelvelops through the self-reflective spiral. It means that there are cycles in the research. as Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Those are planning, acting (implementing plan), observing (systematically), as Brawijaya reflecting... and then re-planning, further implementation, observing and reflecting. Sitas Brawijaya UniversThe steps of action research: itas Brawijava Universitas Brawijava Universitas Brawij¹⁹ya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brarailaya Universitas Brawijaya Universitas Brawijaya rsitas Brawijaya Universitas Brawijaya Universitas Brawija Universitas Brawijaya Universitas Re. jaya Universitas Brawijaya Universitas Brazvi ava Universitas Bravilava Universitas Brawijaya Universitas Bravvijaya Planning Universitas Bravviiava Universitas B Universitas Bravilava Universitas Brawi l Ini Universitas Universitas BSucceed Universitas Brawijaya Acting Reflecting **Univer**sitas Brawijaya Universitas Bra Universita Conclusion **Universit** Observing Iniversitas Brawijaya hiversitas Brawijaya Adapted from Kemmis & McTaggart 1992 hiversitas Brawijaya Figure 3.1 Steps of Classroom Action Research In this research, the researcher acted as a teacher in the first meeting of the cycle Universida an observer in the other meetings of the cycle who observes the classroom as Brawijaya Universcondition. While the English teacher as a teacher in the second until the last meeting of as Brawijava the cycle who teaches reading comprehension of descriptive text by using discovery Universlearning method to the students. In other words, this classroom action research can be tas Brawijaya Universcalled as collaborative action research. te onversitas Brawijaya Universitas BIn this research, the research procedure was conducted with preliminary study as Brawijaya and was followed by planning, implementing the technique, observing the data, and Universreflecting the implementation of the technique. The preliminary study was conducted as Brawijaya Universitas Brawijaya



Universitas Brawijaya Universit £913t awijaya Universitas Brawijaya Universitas Brawijaya sitas Brawijaya ersitas Brawijaya Universitas Brawijaya sitas Brawijaya sitas Brawijaya Observing: /aReflecting:sitas Brawijaya Uni sitas Brawijaya Brawlla Collecting the data by Universitas Brawija Uni sitas Brawijaya • Analyzing the data and observation using Universitas Brawijayachecklist, ersita Univ comparing the result of Uni sitas Brawijaya the data with the criteria Universitas Brawijay questionnaire and test sitas Brawijaya of success Universitas Brawijava^{(post-test).} Ini sitas Brawijaya sitas Brawijaya **Universitas Bray** sitas Brawijaya Successful Unsuccessful sitas Brawijaya The research The research stopped sitas Brawijaya continue to the text Iniversitas Brawijaya cycle niversitas Brawijaya Figure 3.2 The Procedures of Classroom Action Research Univers3.1.1.1 Preliminary Study In the preliminary study, there were three instruments that the researcher used Universin order to know the problem in the class. Those instruments are interview, reading tas Brawijaya Universcomprehension test in the form of the pre-test, and informal classroom observation. as Brawijava The researcher conducted a pretest for all students of X accounting 1 in SMK Negeri Universitas Brawijaya Univers12 Malang and some interview guide questions for English teacher and students.versitas Brawijaya Universitas BAt the starting stage of the preliminary study, the researcher did the interview as Brawijaya with English teacher by giving 5 questions in Bahasa Indonesia about students' reading Universitas Brawijaya Universitas Brawijaya Universcomprehension and teacher's difficulty in teaching reading comprehension (see as Brawijava versitas Brawijaya Universitas Brawijaya Universitas Brawijaya appendix 6a). After conducting the interview with English teacher, the researcher Universconducted a pre-test for the students and informal classroom observation. The test was as Brawijaya Universitas Brawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya set to know about reading comprehension score of the students. It consisted of 10 questions in the form of multiple choice and essay (see appendix 2). In interviewing Universitas Brawijaya Universitas Brawijaya Universitie students, the researcher chose two students who had low score in reading as Brawi ava versitas Brawijaya comprehension test (pre-test). The interview consisted of 5 questions in Bahasa versitas Brawijaya UniversIndonesia about the student's experience in learning reading comprehension and their tas Brawijaya as Brawijaya difficult in learning English (see appendix 3). BRAN Universities 3.1.1.2 Planning Planning was a step which was done after identifying students' problem in the tas Brawijaya classroom. In this research, the researcher made plan based on the problems found in Universithe preliminary study. The researcher prepared the things in dealing with teaching as Brawijaya method to solve problems by discovery learning method to improve students reading comprehension in descriptive text and the research instruments. The activities in this step included like providing instructional strategy to solve as Brawiava the problems through designing the model of lesson plan, organizing some activities, Universmedia and material. Then, the researcher prepared the observation checklist and as Brawijaya questionnaire. It was continued by determining criteria of success through implementation of discovery learning method. omversitas Brawijaya Universitas Brawijaya Universitās Brawijava Universitas B The lesson plan were constructed based on the syllabus 2013 used by SMK as Brawijaya Universitas Brawijaya Universitas Brawijaya Negeri 12 Malang. The lesson plans consist of standard competence, basic competence and indicators, learning objective, learning material, teaching method, teaching and Universlearning activities, assessment, sources and appendices (see appendix 4a & 4b). The as Brawijava Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya**

Universitas Brawijaya researcher conducted this research in two meetings for each cycle. The topic for first cycle was descriptive text about place and the second cycle was descriptive text about Universitas Brawijaya Univershistorical building. Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya University 3.1.1.2.1 Material Universitas BThe researcher used descriptive text as the material in this research. In the as Brawijava English syllabus of the curriculum 2013 for tenth grade students, descriptive text Universilearned by the students in the second semester. In descriptive text lesson, the students Universlearned about describing people, places, and historical buildings. The students taught as Brawijaya by the English teacher about generic structure of the descriptive text such as Universidentification and description. Also, the student learned about the language features as Brawijaya Universused in the descriptive text such as present tense, adjectives, linking verb, and Universion parative degree. Universitas Brawijaya The material chose by agreement from researcher and teacher. The researcher as Brawiava chose the materials from English textbook "Look Ahead: An English Course for Senior UniversHigh School Students Year X" and also from internet downloaded. The material are as Brawijaya about places and historical buildings (see appendix 4a & 4b). Univer 3.1.1.2.2 Lesson Plan and Media Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas BA lesson plan is a teacher's plan for teaching a lesson. It aims to outline the plan as Brawijava for a single lesson. Lesson plan is the teacher's guide for implementing a particular Brawijava Universitas Brawijava Universlesson, and it includes the goal (what the students are supposed to learn), how the goal as Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya

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Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawija	ya
Brawijaya	University will be reached (the method, procedure), and the way of measuring how well the goal as Brawija	ya
Brawijaya	is gained (test, worksheet, homework, and etc) (Hamm, 2009).	ya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya	ya
Brawijaya	Universitas BIn this research, the lesson plan was designed by collaborating with the English tas Brawija	ya
Brawijaya	Universitas Brawijava, Universitas Brawijava Universitas Brawijava, Universitas Brawija	ya
Brawijaya	Universities Bravia teacher in SMK Negeri 12 Malang. The lesson plan constructed based on the syllabus Bravia	ya
Brawijaya	Univers2013 for the tenth grade and using discovery learning method as the technique in the tas Brawija	
Brawijaya	Universitas Brawijaya	
Brawijaya	teaching and learning process. In the lesson plan, some aspects were planned by the Brawija	<i>.</i>
Brawijaya	University and the English teacher such as time allocation, steps in teaching activities,	-
Brawijaya	Universitas Br	ya
Brawijaya	Universkind of assessment, and teaching media. Time allocation of the lesson plan is 2 x 40 tas Brawija	ya
Brawijaya	Universita Universitas Brawija	
Brawijaya	University minutes in each meeting. Steps in teaching activities are pre activities, whilst activities as Brawija	ya
Brawijaya	Universand post activities. The researcher and the English teacher made reading Brawija	ya
Brawijaya	Universitas Brawija	ya
Brawijaya	Universcomprehension assessment for the students during the lesson. The reading assessment as Brawija	ya
Brawijaya	Universita was about descriptive text and teaching media used during the lesson is visual (picture Universita	ya
Brawijaya	Universita	ya
Brawijaya	Universand power point slide) (see appendix 4a & 4b).	ya
Brawijaya	Universitas El El Trime Universitas Brawija	ya
Brawijaya	Universitas 3.1.1.2.3 Criteria of Success	ya
Brawijaya	Universitas Bi	ya
Brawijaya	Universitas BThe criteria of success in this research were emphasized on teaching and tas Brawija	
Brawijaya	Universitas Braw	ya
Brawijaya	Universities and improvement of the students reading comprehension. Based on as Brawija	
Brawijaya	the English teacher's suggestion, the criterion was determined at least 70% of the	ya
Brawijaya	Universitas Brawijaya Universitas Dramitiju enversitas Brawijaya Universitas Brawija	
Brawijaya	Universtudents passed the Minimum Passing Grade (KKM) with the score is 75 in reading as Brawija	
Brawijaya	Universities Brawijava Universities Brawijava Universities Brawijava test of descriptive text. When the research did not meet the criteria, it could be called Universities of descriptive text.	ya
Brawijaya		-
Brawijaya	Universas not successful yet and it needed an improvement to meet the targets. Va Universitas Brawija	
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Rrawijava	Universitas Brawijava, Universitas Brawijava, Universitas Brawijava, Universitas Brawija	V2

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Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Univers 3.1.1.3 Implementing the technique awijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universitian Bin implementing the technique, the researcher collaboratively conducted the
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universresearch with the English teacher. Burns (1999) states that collaboration is a working as Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	practice together for individual work to a common purpose to achieve objective of the Brawijaya
Brawijaya	Universpractice. It means that an individual work should be conducted together in order to as Brawijaya
Brawijaya	Universitas Brawijaya U
Brawijaya	Universachieve the objective of the practice. rawijaya Universitas Brawijaya
Brawijaya	Universitation In this steps, the researcher carried out the action based on the lesson plan that has a Brawijaya
Brawijaya	Universitas Bravijaya
Brawijaya	Universbeen made. In the first meeting, the researcher acted as the English teacher who taught as Brawijaya
Brawijaya	Universita Universitas Brawijaya
Brawijaya	University comprehension in descriptive text by applying discovery learning method and as Brawijaya
Brawijaya	Universion the rest of the meetings the researcher acted as the observer for all activities that as Brawijaya
Brawijaya	Universita Sin and the second
Brawijaya	Univershappened in the teaching and learning process. The collaborator in the first meeting as Brawijaya
Brawijaya	Universitation acted as the observer for all activities that happened in the teaching and learning
Brawijaya	Universita and the second of the second se
Brawijaya	Universprocess, and at the rest of the meetings, the collaborator acted as the English teacher as Brawijaya
Brawijaya	Universitas Universitas Brawijaya
Brawijaya	who taught reading comprehension in descriptive text by applying discovery learning as Brawijaya
Brawijaya	Universimethod. It involve two meetings in each cycle.
Brawijaya	Universitas Braulia and a second aga Universitas Brawijaya
Brawijaya	Universa.a Implementing the technique for cycle 1 jaya Universitas Brawijaya
Brawijaya	Universitas Brawijaya Universitas In the first cycle, there were two meetings with the implementation of discovery as Brawijaya
Brawijaya	
Brawijaya	learning method. At the first meeting, in the stimulus stage of discovery learning as Brawlaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	
Brawijaya	descriptive text which was talking about place to build student's schemata about place
Brawijaya	
Brawijaya	University the world and the students were asked to explain about what happened in the text. As Brawijaya
Brawijaya Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas After that, in the problem statement stage of discovery learning method, the researcher as Brawijaya
Brawijaya Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
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Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	University gave the students opportunity to ask the question about descriptive text that had already as Brawijaya
Brawijaya	given by the researcher. Then, in the data collection stage of discovery learning method,
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universthe teacher gave the students a handout about generic structure of descriptive text and as Brawijaya
Brawijaya	Universities Brawijaya the researcher asked the students to identify the generic structure and language features Universities Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universof the text in the handout. The teacher also asked the students to distinguish the as Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universe descriptive text about people and descriptive text about place. In the data processing of tas Brawijaya
Brawijaya	discovery learning method, the teacher asked the students to make a group consists of
Brawijaya	Universitas Br
Brawijaya	Universitive or three persons and asked the students to explain main idea of the text, identify as Brawijaya
Brawijaya	Universita Iniversitas Brawijaya
Brawijaya	Universite text, and determined the generic structure and language feature of the text trough a Brawijaya
Brawijaya	Universworksheet that the researcher gave for the students in each group. In the verification as Brawijaya
Brawijaya	Universita Sita Sita Sita Sita Sita Sita Sita S
Brawijaya	Universitage of discovery learning method, the teacher asked the students to communicate their as Brawijaya
Brawijaya	Universit work in front of the class and in the generalization stage of discovery learning method,
Brawijaya	Universita Universitas Brawijaya
Brawijaya	Universitie researcher and the students discussed the material that already given by the as Brawijaya
Brawijaya	Universitas Universitas Brawijaya
Brawijaya	Universities and the final stage or reflection of discovery learning method, the researcher Brawijaya
Brawijaya	Universidid a summing up activity and gave the students a homework.
Brawijaya	Universitas Brauda da Contra da
Brawijaya	Universita In the second meeting and stimulus stage of discovery learning method, the teacher tas Brawijaya
Brawijaya	Universitian Brawing asked the students to summarize the material that they had already had in the previous as Brawijaya
Brawijaya	
Brawijaya	Universimeting and then the teacher also gave a power point slides in front of the class through as Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas CD projector to make the students easier in summing up the material. After that, in tas Brawijaya
Brawijaya	
Brawijaya	University of the problem statement stage of discovery learning method, the teacher gave the students Brawijaya
Brawijaya	
Brawijaya	Universopportunity to ask some questions about the material through handout that had already as Brawijaya
Brawijaya Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas given in the previous meeting. Then, in the data collection stage of discovery as Brawijaya
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Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	University learning method, the teacher asked the students to find a place that they had already tas Brawijaya
Brawijaya	Universitive of the previous time and gave the information about that place. The teacher also
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universasked the students to compare their experience when the students visited that place. In tas Brawijaya
Brawijaya	Universities Brawiewers the students Brawiewers between the students Brawiewers the data processing stage of discovery learning method, the teacher asked the students Brawiewers between the students between the students Brawiewers between the students b
Brawijaya	Universitas Brawijaya
Brawijaya	Universto make a descriptive text which consisted of two paragraph about the place that they as Brawijaya
Brawijaya	Universitas Brawijaya U
Brawijaya	Universalready visited and the text should be consist of generic structure and language feature as Brawijaya
Brawijaya	Oniversion descriptive text. In the verification stage of discovery learning method, the teacher as Brawijaya
Brawijaya	Universitas Br
Brawijaya	Universasked the students to read the text that they had made in front of the class and received as Brawijaya
Brawijaya	Universita some feedback from the teacher and his/her friends in the class. In the generalization
Brawijaya	Universion feedback from the teacher and his/her friends in the class. In the generalization as Brawijaya
Brawijaya	Universand reflection stage, the teacher and the students did a summing up activity together as Brawijaya
Brawijaya	Universita Sitas Brawijaya
Brawijaya	Universand the teacher gave post-test for the students.
Brawijaya	Universit b. Implementing the technique for cycle 2
Brawijaya	Universita Universitas Brawijaya
Brawijaya	Universita In the second cycle, there were two meetings in the implementation of discovery tas Brawijaya
Brawijaya	Universitas learning method. At the first meeting of cycle 2, in the stimulus stage of discovery as Brawijaya
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Brawijaya	Universitive learning method, the teacher gave the students an example of descriptive text about as Brawijaya
Brawijaya	Universitas Bra Universitas Brawijaya Universitas Brawijaya
Brawijaya	
Brawijaya Brawijaya	Universitas Brawie explained what happened in the text. After that, in the problem statement stage of Brawijaya
Brawijaya	
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universquestions about the text. Then, in the data collection stage of discovery learning as Brawijava
Brawijaya	
Brawijaya	Universitive Bravia and the students were shown power point slides about generic structure of Bravijaya
Brawijaya	Universelvent text along with the example of adjectives for describing buildings. The as Brawijaya
Brawijaya	Universitas Brawijava Universitas Brawijava Universitas Brawijava Universitas Brawijava
Brawijaya	Universteacher asked the students to identify a text that already given by the teacher and Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
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	Habersteine Dreudieur, Habersteine Dreudieur, Habersteine Dreudieur, Haberstein D 1

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Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universidetermined the generic structure and language features of the text. Also, the teacher tas Brawijaya
Brawijaya	asked the students to distinguish descriptive text about place and descriptive text about
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Univershistorical building. In data processing stage of discovery learning method, the teacher tas Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	asked the students to make a group which consists of four or five people and the Brawijaya
Brawijaya	Universitudents were asked to play a game entitle "guessing game". In the verification stage as Brawijaya
Brawijaya	Universitas Brawijava
Brawijaya	of discovery learning method, each group were asked to communicate their work after as Brawijaya
Brawijaya	University and a game "guessing game". In the generalization and reflection stage of discovery
Brawijaya	Universitias Brawijaya
Brawijaya	Universite arning method, the teacher and the students did a summing up activity and the teacher as Brawijaya
Brawijaya	Universita Universitas Brawijava
Brawijaya	Universigave the students a homework to make a miniature about historical building that they tas Brawijava
Brawijaya	Universilate and the students did a presentation contains of all information about the Brawijaya
Brawijaya	Universit
Brawijaya	Universitation of the class for the next meeting.
Brawijaya	Universitas Brawijava
Brawijaya	In the second meeting, the teacher did stimulus and problem statement stage as
Brawijaya	Universusual. The students were reviewed the material from the previous meeting and did tas Brawijaya
Brawijaya	Universitas Universitas Brawijava
Brawijaya	University question answer session in the problem statement stage. After that, in data collection tas Brawijaya
Brawijaya	Universities and data processing stage of discovery learning method, the teacher asked the students as Brawijaya
Brawijaya	Universitas Bra
Brawijaya	Universto prepare their homework (make miniature about historical building) and their tas Brawijaya
Brawijaya	Universitas Brawija
Brawijaya	presentation about the building. Then, in the verification stage of discovery learning
Brawijaya	method, each group were asked to do the presentation in front of the class. In the
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universigeneralization and reflection stage of discover learning method, the teacher and the tas Brawijaya
Brawijaya	University of the students did summing up activity and the teacher gave post-test for the students at the Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universend of the meeting. Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
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Universitas Brawijaya University 3.1.1.4 Observing Universitas Brawijaya Universitas Brawijaya Universities B In the observing, the researcher processed and indicated the data collection with Universitas Brawijaya Universitas Brawijaya Universcriteria of success. The main data were the students' score in reading comprehension as Brawijava test and students' interest after implementing the technique. The instrument used in this Brawijaya Universprocess were reading comprehension score and questionnaire. Video or picture was as Brawijaya as Brawijaya Universitas Brawijaya also used to help the researcher to recall the activity in the class during teaching and Universilearning process. Universitas Brawijaya Universitas Brawijaya Universitas Then, this step discussed about the process of recording and gathering all the tas Brawijaya data about any activity occurred during implementation of the action. During the classroom teaching, the collaborator collected the data by using observation checklist. UniversDuring conducting the observation, the collaborator observed all the activities in tas Brawijava teaching and learning reading comprehension in descriptive text. Univers3.1.1.5 Reflecting In reflecting, the researcher reflected the data after the technique had been Brawijaya Universimplemented. It aimed to know whether the technique had given some influences as Brawijaya toward students' reading comprehension and found the weaknesses and the strengths of the action. The researcher analyzed the data and compared the result score of the nversitas Brawijaya – Universitas Brawijaya Universaction with the criteria of success that had been made by the researcher. The researcher as Brawijaya used reading comprehension test in the form of post-test, interview result, questionnaire Universitas Brawijaya Universitas Brawijaya result, and classroom observation checklist result as the data in this action. Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **3.2 Data Sources** Universitas Brawijaya Universitas Brawijaya Universitas B The setting of this research is SMK Negeri 12 Malang. SMK Negeri 12 Malang Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universis located at Jalan Pahlawan, Bale Arjosari, Malang, Jawa Timur. This school chose as tas Brawijaya field of the research because the researcher had done her teaching practice (PPL) in Brawijaya Universithat school. In this research, the subject was the students of X accounting 1 in SMK tas Brawijaya as Brawijaya – Universitas Brawijaya Negeri 12 Malang and Miss Kartika Ajeng Anggraeni, S.Pd as the English teacher of Universthe class. Universitas Brawijaya Universitas Brawijaya Universitas E Universitas The researcher chose X accounting 1 as subject of the research because based as Brawijaya on informal observation and interview in SMK Negeri 12 Malang especially tenth grade, the students had low vocabulary knowledge and low interest in reading. If the Brawijaya Universteacher gave the students long reading text, they got less interest and motivate. This as Brawijava school is a vocational high school with engineer base. Therefore, the students did versitas Brawijaya Universreading activities infrequently than practical activities in the school. 3.3 Data Collection Universitian BAs other research, classroom action research also needs to collect the data to as Brawijaya support the research. It is important that the researcher should collect the data during conducting the research. In this research, the researcher collected the data from X Universaccounting 1 students of SMK Negeri 12 Malang and the English teacher of SMK as Brawijaya Negeri 12 Malang that taught the class. There are some ways or instruments to collect Universitas Brawijaya data in this research. There were tests (reading comprehension test), interview, as Brawijaya Universitas Brawijaya Universitas Brawijaya Universclassroom observation, questionnaire, and documentation (video and picture). niversitas Brawijaya Universitas Brawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brest is a set of questions and exercises used to measure the achievement or Brawlava capability of the individual or group (Brown, 2004). This is the most common Universitas Brawijaya Universitas Brawijaya Universinstrument used to collect data in action research. The researcher used test in this tas Brawijava research to measure students' comprehension in reading descriptive text (see appendix Univers5a & 5b) wijaya s Brawijaya 🛛 Universitas Brawijaya Interview are popular and commonly used in collecting verbal information data. Although, the interviews are incorporated into the lesson, whenever possible, as an Universaspect of the regular activities of the classroom, the interviews can double as a tas Brawijaya classroom task and as a way of investigating and collecting data in the setting (Burns, Universigned 1999). The researcher used interview in this research before implementing the Universtechnique. It aimed to know about the students' problem in reading comprehension and tas Brawijava the teacher's experiences while teaching reading comprehension in the class. There are versitas Brawij Univers5 open-ended questions which were written in Bahasa Indonesia (see appendix 6a & tas Brawijaya Universites Observation is a mainstay of action research. It enables researcher to document as Brawijaya Universand reflect systematically during classroom interactions and activities, as they actually tas Brawi ava occur rather than as we think they occur (Burns, 1999). In this research, classroom Universobservation helped the researcher to collect the data and got more information about as Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universithe classroom situation. The researcher observed the class using observation checklist as Brawijaya to know whether the implementation of discovery learning method in the class goes Brawijaya Universities Universities Brawijaya Universities Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya **Universitas Brawijaya** Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya

Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya data wastas Brawijaya Other instrument used by the researcher in collecting the questionnaire. Questionnaire offer an alternative form of data collection and it involved Universpredetermined questions presented in written forms (Burns, 1999). In this research, as Brawijava questionnaire used to know the students' interest in reading. The teacher gave the Universitudents questionnaire before and after applying discovery learning method in the class as Brawijaya s Brawijaya Universitas Brawijaya (see appendix 8a & 8b). To get the detail information, in this research, documentation as Brawijaya used to help the researcher describe and complete the data. In line with this, the Universresearcher took video and picture of the classroom situation to record all activities in tas Brawijaya Universite class (see appendix 10). Univers3.4 Data Analysis In this step, after the researcher finished in collecting the data, the researcher Universneeded to analyze the data. Data analysis was the process of arranging observation as Brawijaya Universitas Brawijaya Universchecklist, questionnaires, and other materials that the researcher obtained during the tas Brawijava implementation of classroom action research. In this research, the researcher intended University find out whether there was an improvement after the students were taught by using tas Brawijaya discovery learning method or not. There are two ways to analyze the data, they are qualitative and quantitative. **Universitas Brawijaya 1919 En onversitas Brawijaya** Universitas Brawijaya Universitas BA qualitative data used to investigate the verbal information data which was as Brawijaya collected during the process of action research and to know the students behavior **Universitas Brawijaya** during teaching and learning process. Universitas Brawijaya Universitas Brawijaya

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Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universitas BWhereas, the quantitative data result in form of numerical data would be as Brawijaya
Brawijaya	university analyzed by comparing the score of pre-test and post-test to know whether there was
Brawijaya	Universitive analyzed by comparing the score of pre-test and post-test to know whether there was Universities Brawijaya
Brawijaya	Universan improvement of students's reading comprehension or not.s Brawijaya Universitas Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universitas Brawijaya
Brawijaya	Univers1. ² The researcher conducted pre-test in preliminary study to take the score of students' tas Brawijaya
Brawijaya	Universitas Brawijava U
Brawijaya	Universita reading comprehension before discovery learning method would be applied versitas Brawijaya
Brawijaya	2. After discovery learning method had been implemented in teaching reading, the
Brawijaya	Universitas Br
Brawijaya	Universita researcher conducted post-test to know whether there were improvements on the tas Brawijaya
Brawijaya	Universita Universitas Brawijaya
Brawijaya	Universi students' reading score or not.
Brawijaya	Univers3. Then, the researcher selected the data that were considered as valid data. Data Brawijaya
Brawijaya	Universita Sin
Brawijaya	Universit would be considered as valid if it had pre-test and post-test score. So if one student tas Brawijaya
Brawijaya	Universita only did pre-test or post-test, the score of the student would not be calculated.
Brawijaya	Universita
Brawijaya	Univers4.a The researcher gave scores on the result of the students' reading comprehension at tas Brawijaya
Brawijaya	Universitas Universitas Brawijaya
Brawijaya	Universita pre-test and post-test. It would be analyzed by calculating the score of students' test as Brawijaya
Brawijaya	Universitation whether there is an improvement of students' reading comprehension or not.
Brawijaya	Universitas Braulia di anti anti anti ava Universitas Brawijaya
Brawijaya	Universita After the researcher got the students' score, the researcher counted how many tas Brawijaya
Brawijaya	Universitas Brawijaya students who were able to pass the minimum passing grade or KKM (Kriteria Brawijaya
Brawijaya	
Brawijaya	Universita Ketuntasan Minimal) of English lesson which are 75. Then, it would be converted as Brawijaya
Brawijaya	Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
Brawijaya	Universita in the form of percentage. In gaining the class percentage, the researcher used a tas Brawijaya
Brawijaya	Universitas Brawijaya formula by Sudijono (2008). It used the formula as follow: Universitas Brawijaya
Brawijaya	
Brawijaya	Universita $\mathbf{P} = \mathbf{T}$ he class percentage itas Brawijaya Universitas Brawijaya Universitas Brawijaya Universitas Brawijaya
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Universitas Brawijaya UniversitaN FrNumber of students sitas Brawijaya Universitas Brawijaya 5. After that, the researcher compared the students' scores on pre-test and post-test to Universitas Brawijaya Universitas Brawijaya Universita know the students' improvement after being taught by discovery learning method. tas Brawijava Universitas Brawijaya 6. Then, the researcher analyzed the result of students' questionnaire which was given Universitas Brawijaya Universita before and after the implementing discovery learning method. This questionnaire as Brawijaya s Brawijaya Universitas Brawijaya Universita was useful to know students' opinion toward the implementation of discovery as Brawijaya Universital learning method in reading comprehension. Universitas Brawijaya **Universitas B** Univers7.3 The final step was making report in descriptive analysis form. The researcher gave as Brawijaya Iniversitas Brawijaya information using descriptive sentences to show the improvement of students' tas Brawijaya reading comprehension on descriptive text. In this step, the researcher decided as Brawijaya whether the research is successful or not. hiversitas Brawijaya Jniversitas Brawijaya Universitas Brawijaya Universitas **Universitas Brawijaya Universitas Brawijaya** Universitas Brawijaya Universitas Brawijay Universitas Brawijaya Brawijaya Universitas Brawijaya Universitas Brawijaya