Progress of information and communication technology provides many facilities in human life. Today, the utilization of information technology policy and communications directed to solve the problem of education in Indonesia. With the utilization of communication and information technologies for education They allow for the construction of an interactive learning system which helps in studying and understanding the theories, concepts, and procedures within a particular field. One area worthy of study is developed to the level of chemical High School (SMA), the selection of study areas mentioned because of teacher difficulties in teaching and delivering course material, thus affecting the lack of students' responses to the material. Web-based interactive learning system for chemistry lesson, the addition can assist and facilitate the students in the learning process can also assist educators in presenting the material without going through a face to face.