The purpose of this study is to clarify the characteristics of the attitude towards the Internet with the comparison of an attitude toward the old medium. We use the picture-projection technique to measure attitudes toward media, that is, watching a movie, reading a newspaper, reading a comic book, reading a book, watching TV at home, talking with friends and using multimedia and the Internet. Two schools children, one used to the Internet and the other who has not used computers, were used as subjects. Forty-five short sentences describing a communication situation were prepared, and children were asked to match these sentences to the pictures. The results show significant differences of attitude toward the Internet between two schools children. We find characteristics of the attitude toward the Internet is the possibility and awareness of the expansion of communication, on all-powerful feeling and the feeling of necessity.