

International Journal of Environmental and Science Education, 2016, vol.11, N4, pages 505-514

---

## Development of junior pupils research skills in interrelation with universal learning activities

Sabirova E., Zakirova V., Masalimova A.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

---

### Abstract

© 2016 by ISER, International Society of Educational Research. Actuality of the studied problem is stipulated by the fact that the learning activity is the leading one for pupils and it defines development of main cognitive particularities of evolving personality. As the result of this activity becomes formation of cognitive motives, research skills, subjectively new knowledge and ways of activity for pupils. Purpose of this study is to define more significant in pedagogical relation research skills of junior pupils in context of their interconnections with universal learning activities. In the experiment, there were involved 270 people: pupils and teachers of elementary school and also students acquiring profession of elementary school teachers. As the experimental area there became general education schools №81 and №32, gymnasium №37 in Kazan city of Russian Federation Tatarstan Republic. During the work there was used complex of diagnostic methods for revealing development level of research skills and universal learning activities of junior pupils. On the basis of the obtained results there were specified and substantiated the content of research skills of elementary school pupil in context of their interconnection with universal learning abilities (personal, regulative, cognitive, communicative).

<http://dx.doi.org/10.12973/ijese.2016.321a>

---

### Keywords

Learning, Organization of learning and research activity of junior pupil, Research skills, Systemic-active approach in teaching, Universal learning activities