

was observed in their motor development.

Personal relation, speech and acknowledgment were emphasized in educational treatment for autistic children. However, exercise and movement education were found to be important for the general development of autistic children.

**Toyohiro TAGUCHI, Masana OGATA, Shigeru SUEMITSU, Yasuhiko EGUSA, Hirokazu OSAKI, Yasuhiro KAJIHARA and Hiroshi TAKESHITA : Development of the Measuring Instrument for Working Ability of the Aged** 57—62

The evaluation of physical ability of the aged is needed not only to support himself in his daily life, but also to make and improve the working condition in companies, because Japan goes into society of the aged rapidly. So we have developed the measuring instrument for working ability of the aged that can measure the ability of daily life and labor life easily. Measuring contents of this instrument are back strength (① lifting strength), alacrity (② moving arm right and left, ③ moving range), strength of hand and fingers (④ push strength of thumb, ⑤ angle of grasp and turn), raising hand (⑥ distance of raising hand from the shoulder with weight load), working posture (⑦ anteflexion angle of the waist, ⑧ squat down angle of the knee) and walking ability (⑨ walking speed). For assessment of the measuring value, we proposed the methods that were applied MODAPTS (Modular Arrangement of Predetermined Time Standard) and MTM (Methods Time Measurement) methods, and examined the propriety of the methods.

**Misako ITANO, Katsuyo HANATANI and Kiyoko OKUYAMA : Relationships Between Children and Grandparents Seen Through by Mother** 63—71

The survey was done through mothers of 207 five-year-olds in nursery and kindergarten in Okayama City. Eleven questionnaires were prepared and asked about occasions, time and contents of the relationships.

Most of the highest and closest relationships were held through traditional yearly events like New Year's Day and Bon Festival. The contents of relationships are dining, playing and watching TV together, then shopping and going for a walk. Mothers evaluated that 93.5% of children showed good, positive images toward the grandparents. The good relationship between grandmothers and mothers and the tendency of showing tenderness toward children were top most and were highly recognized as positive and effective factors to the child care, followed by that of grandfathers, then mothers-in-law and fathers-in-law. Working mothers and the distance of homes between children and grandparents effected on the ways and contents of relationships.

The parents of children will play an important role as key persons to build smooth relationships and enrich each other's lives into meaningful ones.