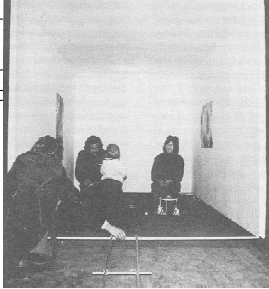


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## Development of motor abilities and skills



Markus Raab  
raab@uni-flensburg.de  
www.uni-flensburg.de/~raab

Figure 5.10. Experimental apparatus and paradigm for the 'training room'. Reprinted from Lee and Aronson, 1974.

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Name four methods for a survey of development changes.  
How can the part of genetic and environmental changes be separated and measured respectively?

- **Cross-sectional analysis**
- **Longitudinal analysis**
- **Mixed cross section-longitudinal analysis**
- **Time change analysis**
- **Twin studies, Adoptive studies, culture comparison studies, environment comparison studies**

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## Development of motor abilities and skills



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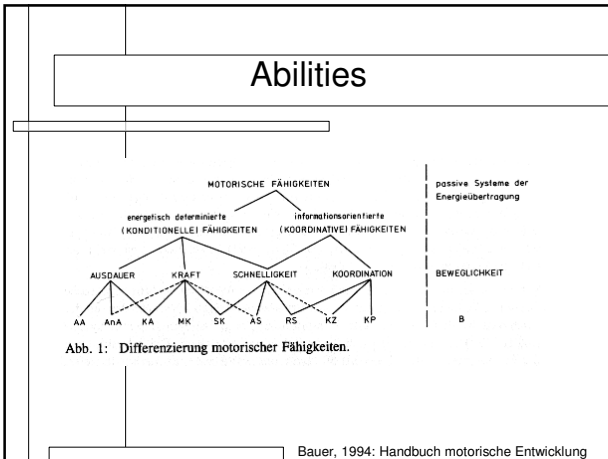
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- ### Diagnostic abilities/skills
- **Sport motor tests**  
 (individual tests, test batteries, test profiles)
  - **Abilities**
    - KTK Körperkoordinationstest for children
    - Eurofit
  - **Skills**
    - general skills
    - sport specific tests

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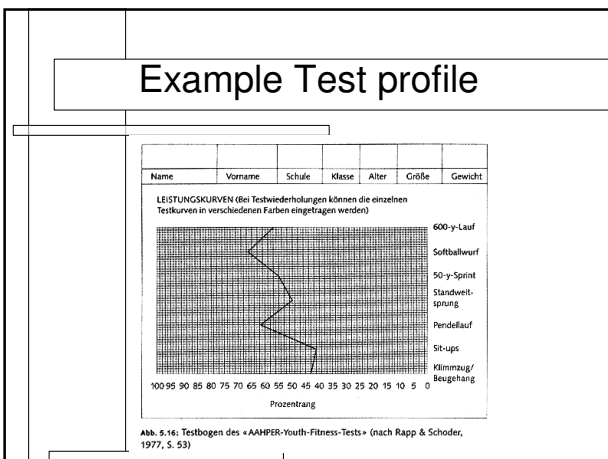
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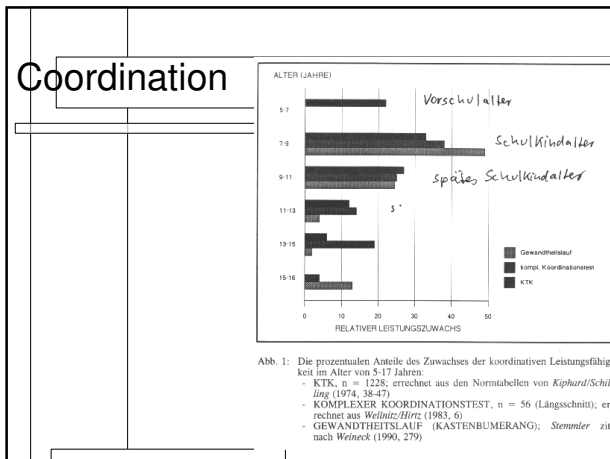
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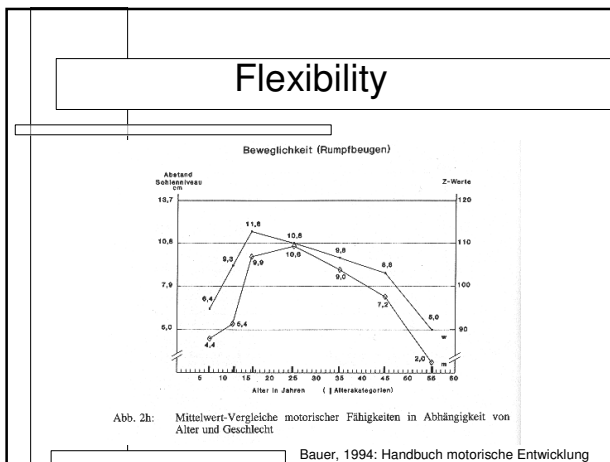
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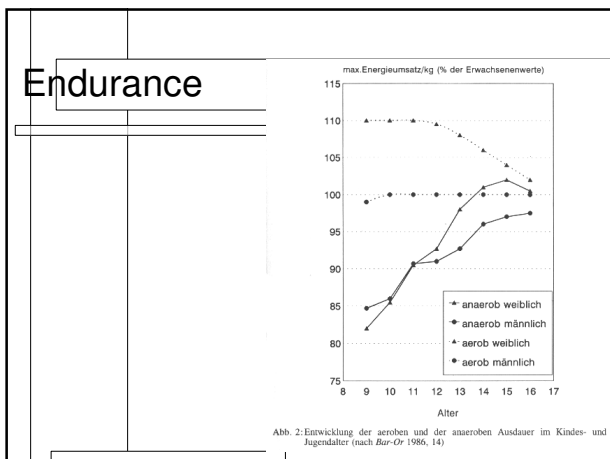
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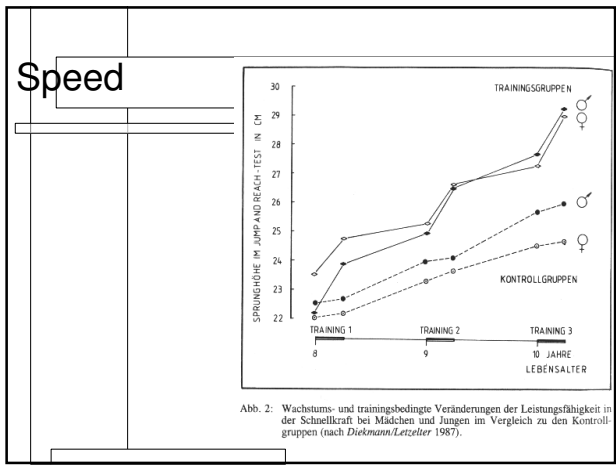
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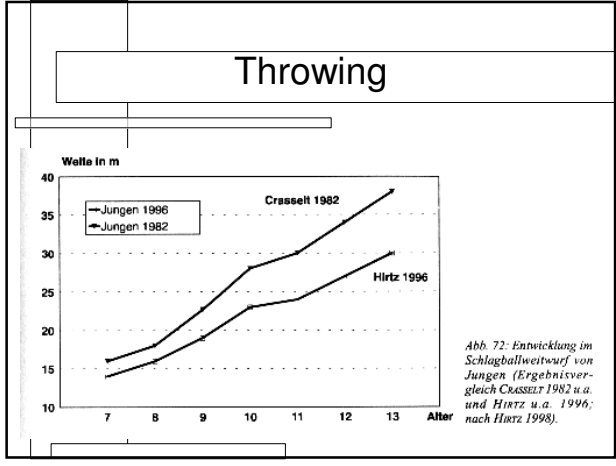
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### Summary + exercise

- Name for an ability and for a skill in each case an individual test and a test battery/ test profile!
- How would you realise an ability-/ skill diagnostic in a lesson concretely?

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