



**Leveraging
University/School District Partnerships
to Support
Mathematics Learning for ALL**



RICE UNIVERSITY
SCHOOL MATHEMATICS PROJECT

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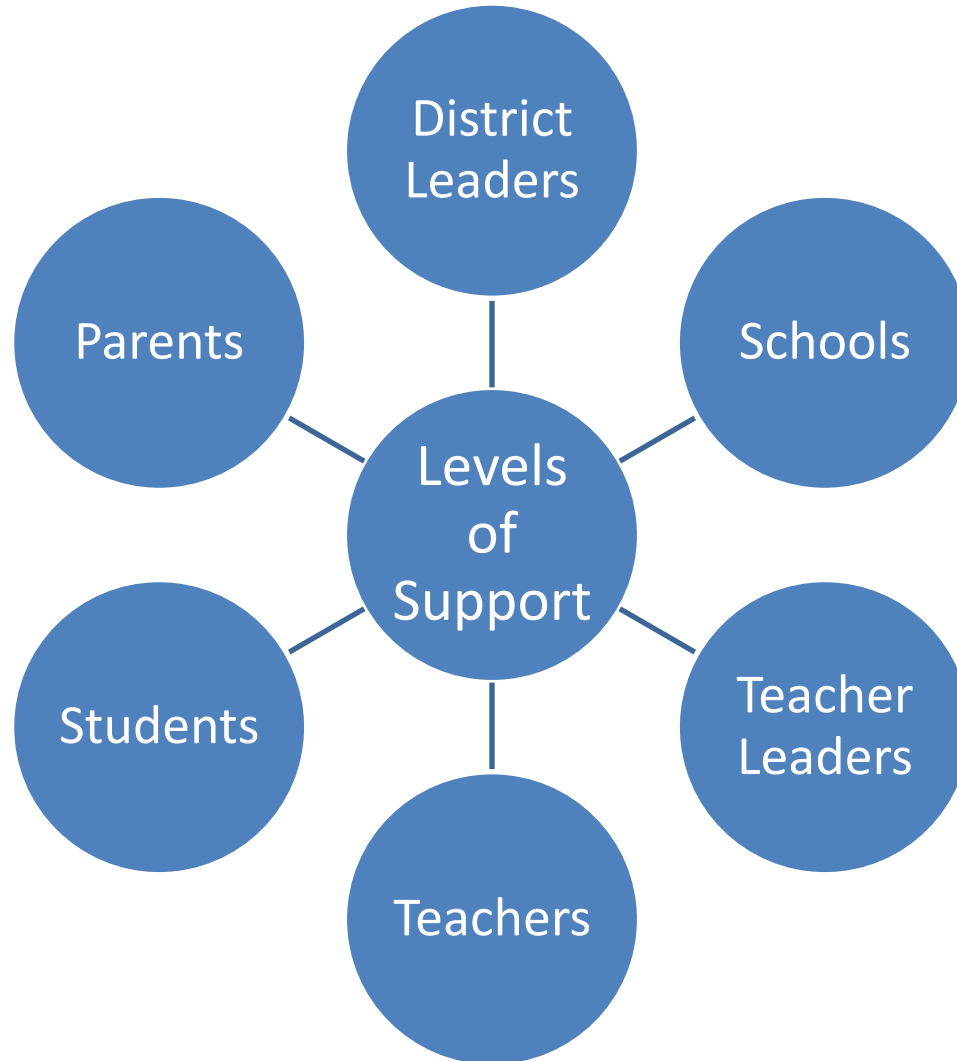
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- How has your district/school collaborated with universities in the past?
- In what ways can you envision a university/school district collaboration benefitting your mathematics program?

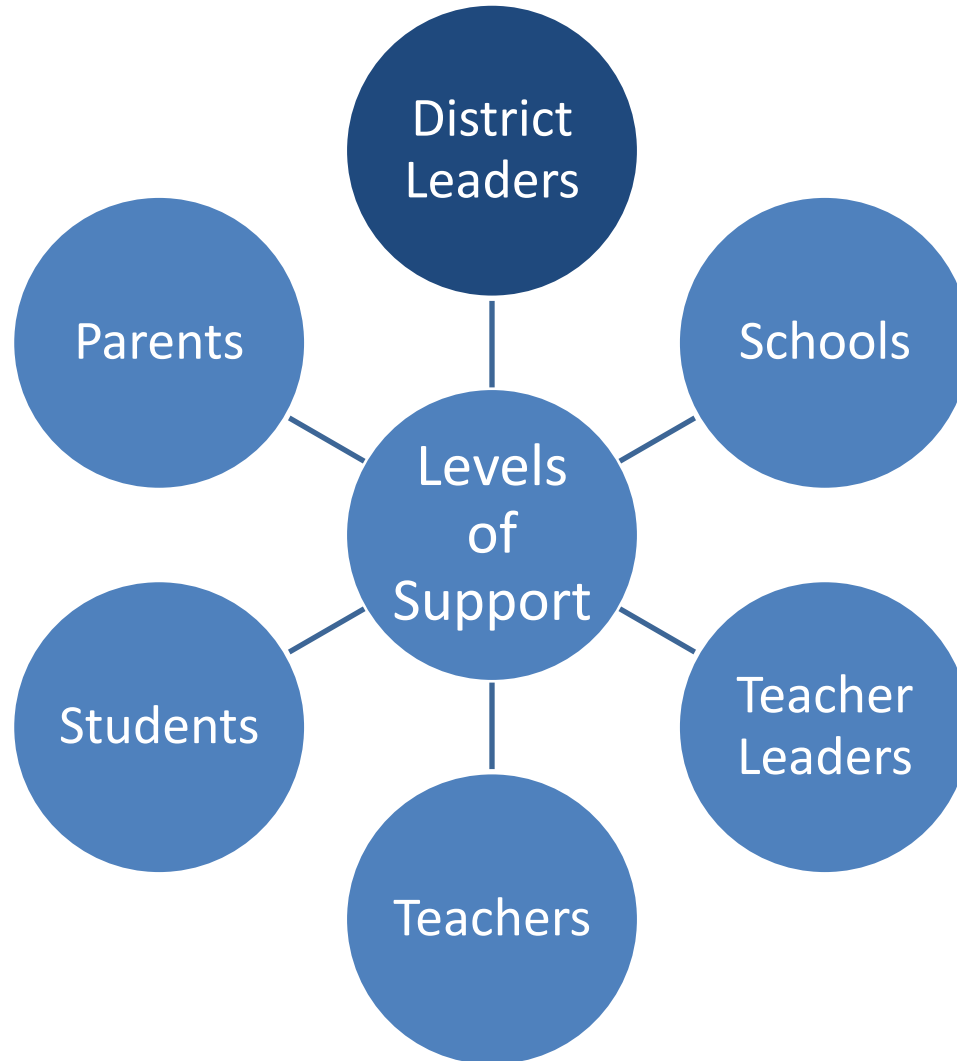


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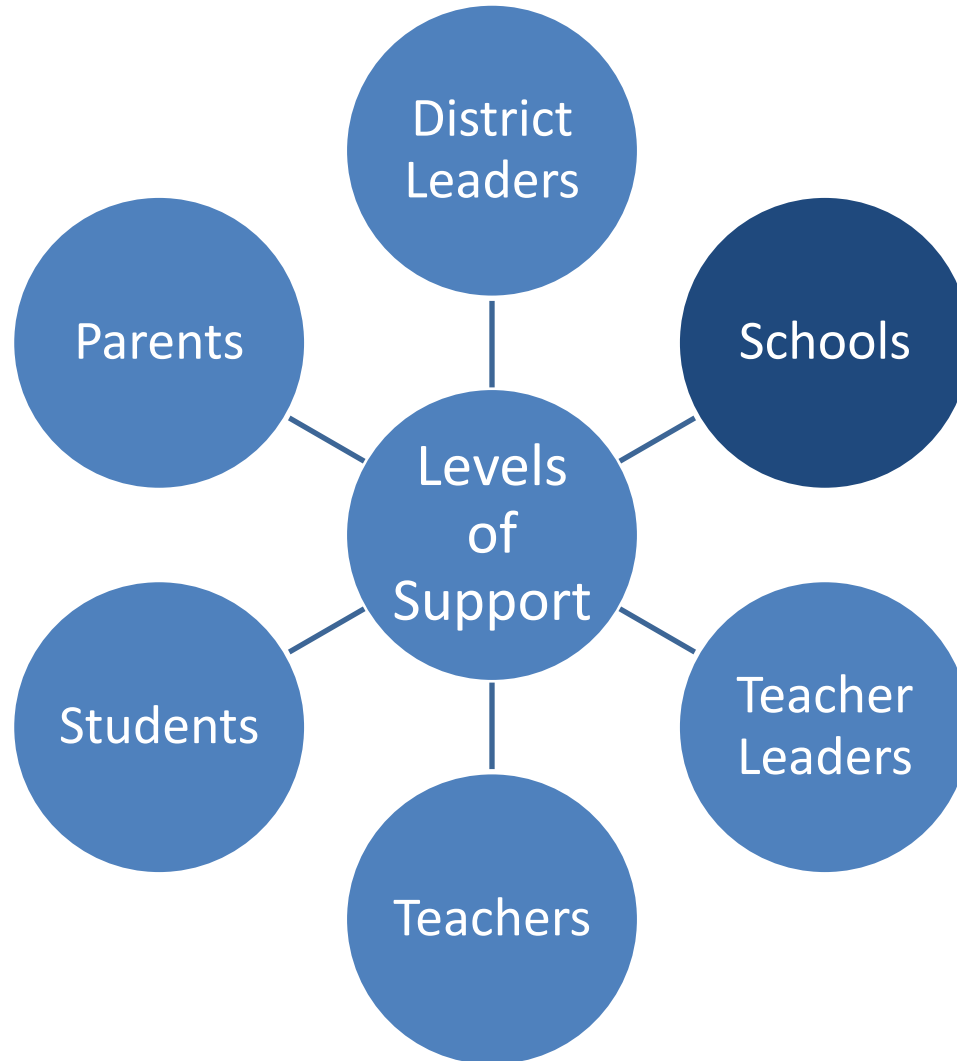


Needs of District Leaders

- Comprehensive needs assessment
- Mathematics vision for the school district
- District curriculum and assessment documents
- Appropriate print and digital instructional materials
- Access for students to higher-level mathematics courses
- Videos for student instruction and teacher professional development
- Research on effectiveness of district's mathematics programs



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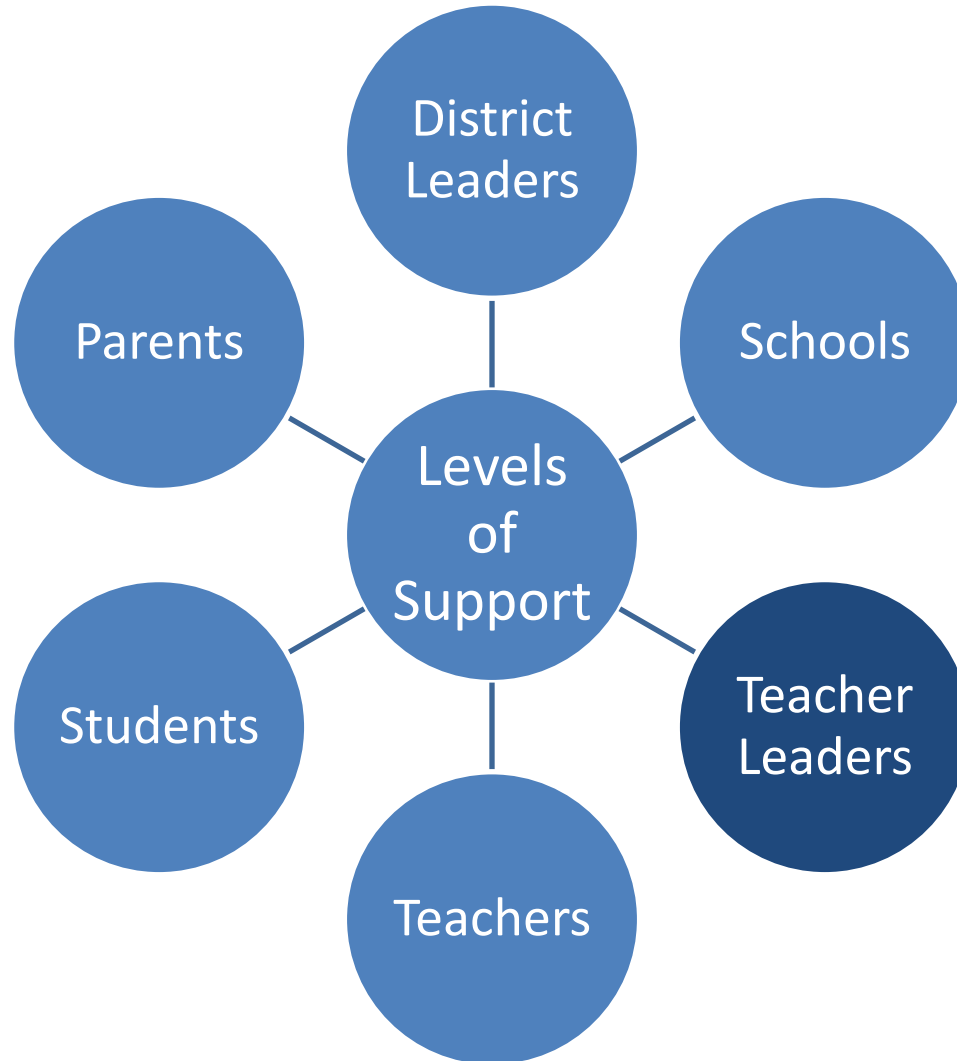


Needs of Schools

- Communities of practice
- Effective mathematics teachers
- Dynamic teacher leaders
- Support for new and/or struggling teachers



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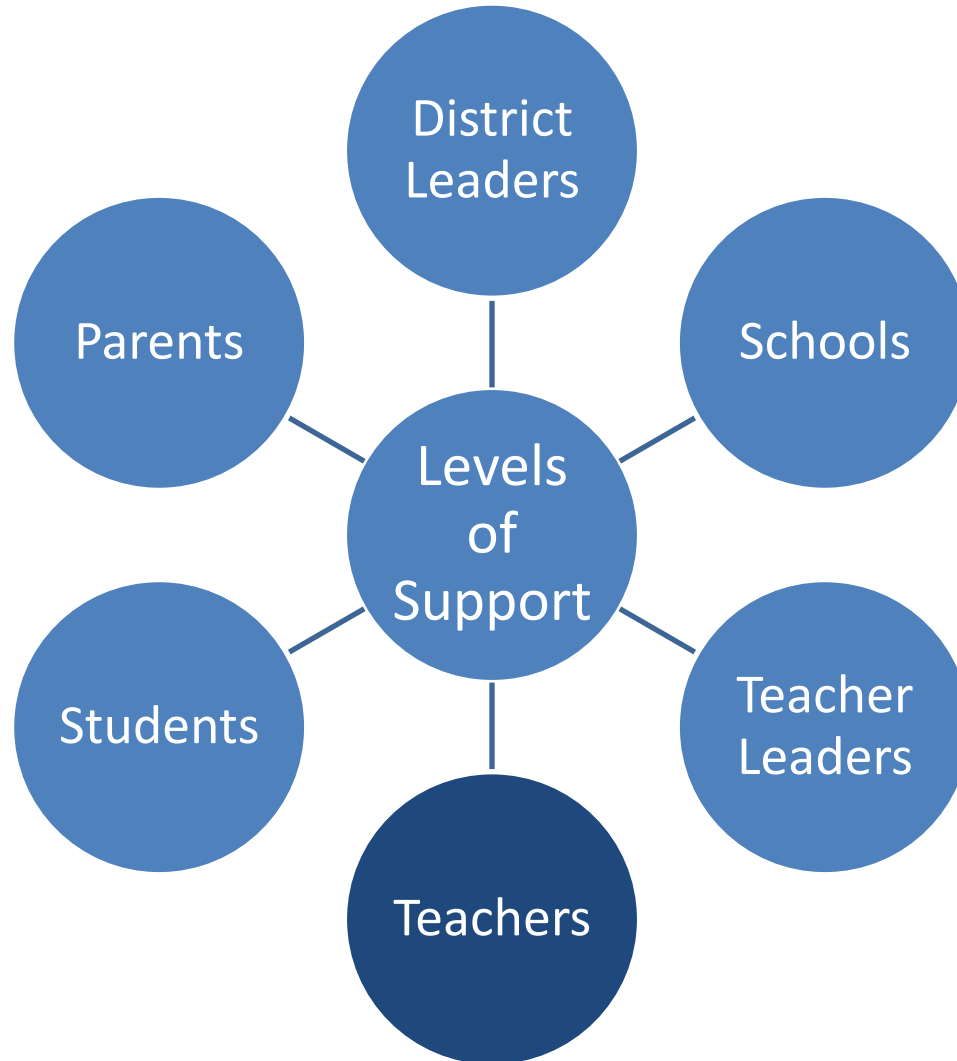


Needs of Teacher Leaders

- Professional development to better understand their potential as teacher leaders
- Just-in-time answers to questions on mathematics content and pedagogy
- Assistance in leading effective instructionally-focused collaborative planning



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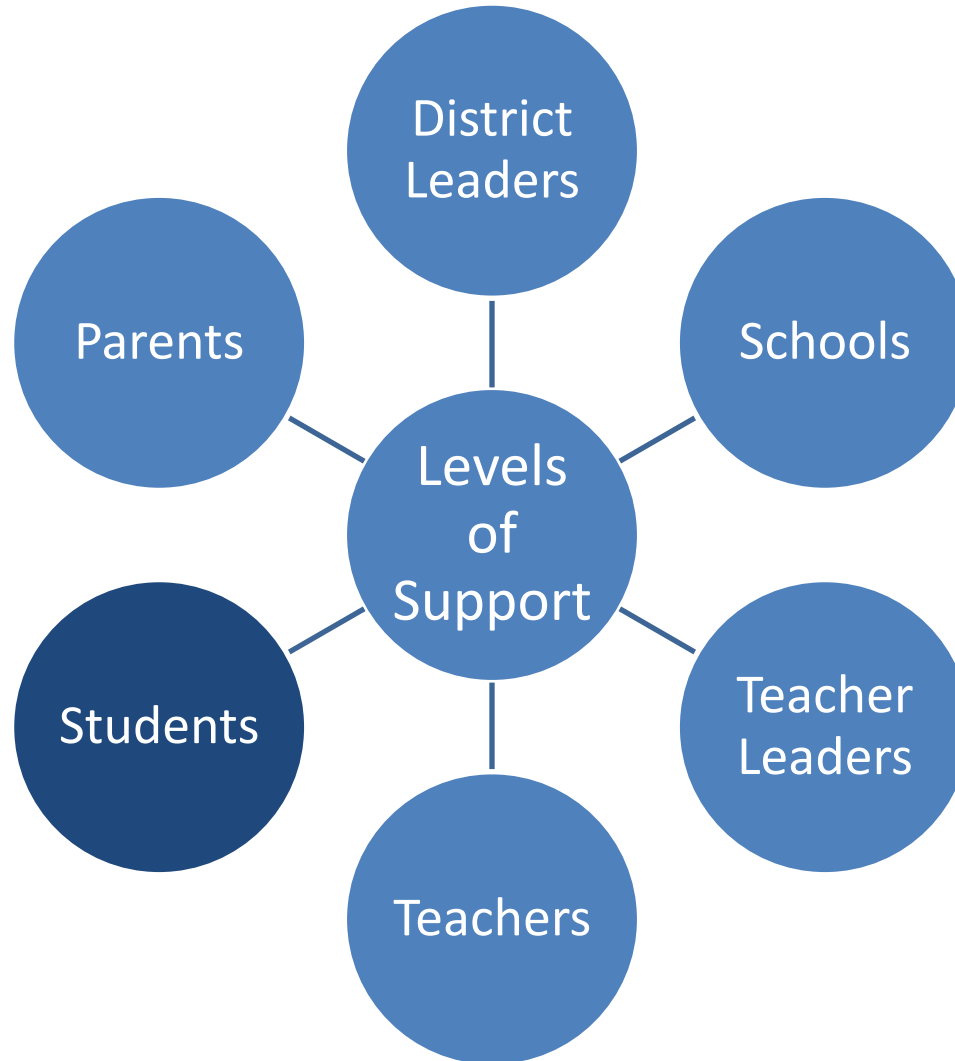


Needs of Teachers

- Long-term professional development to strengthen mathematical knowledge for teaching
- Short-term professional development focused on specific content strands and/or pedagogical strategies that is aligned to teacher needs and district initiatives
- Assistance in developing effective instructional and/or management strategies that engage all learners



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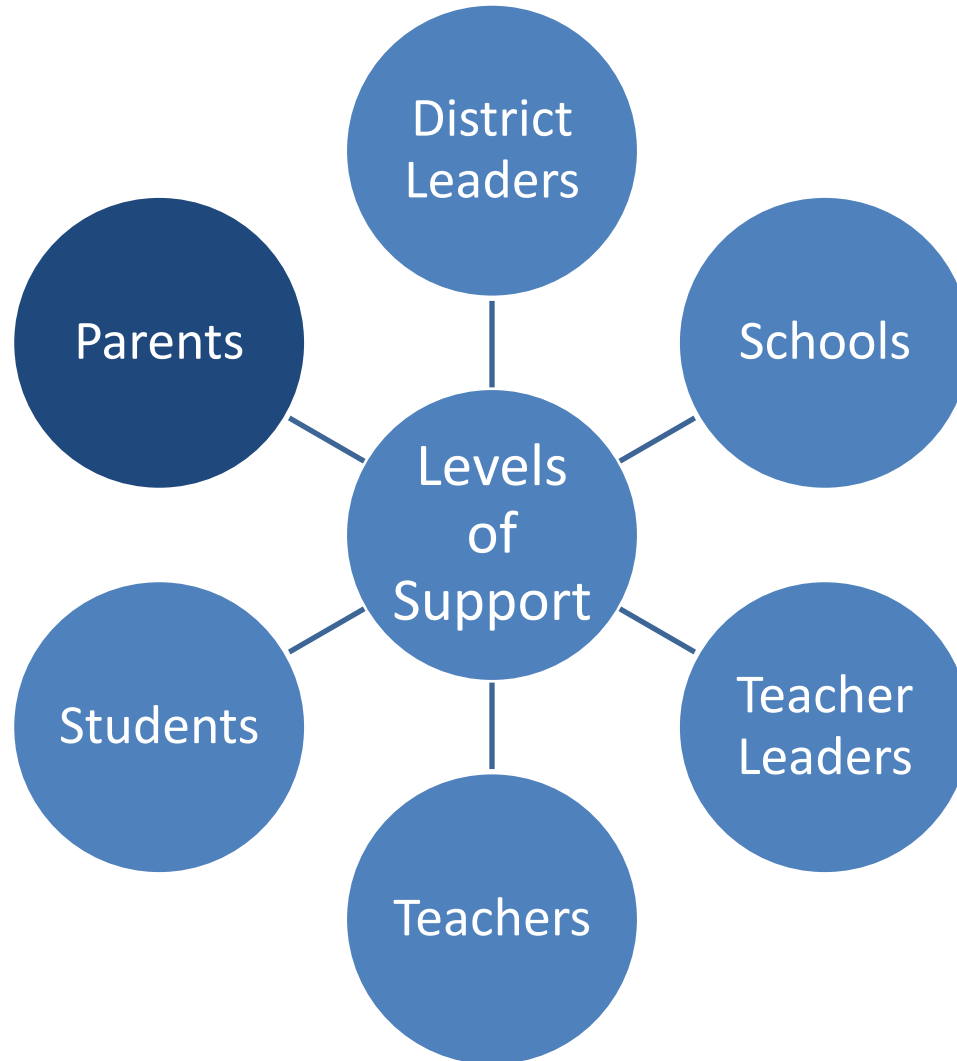


Needs of Students

- Summer instructional programs
- Academic-year enrichment programs
- Rewards for academic achievement
- College admission and financial aid workshops



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Needs of Parents

- Information about school and district mathematics programs
- Opportunities to engage with the school community through mathematics
- Resources for supporting mathematics instruction at home



Contact Information

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