UNF
College of Education and Human Services

PROJECT INTERSECT

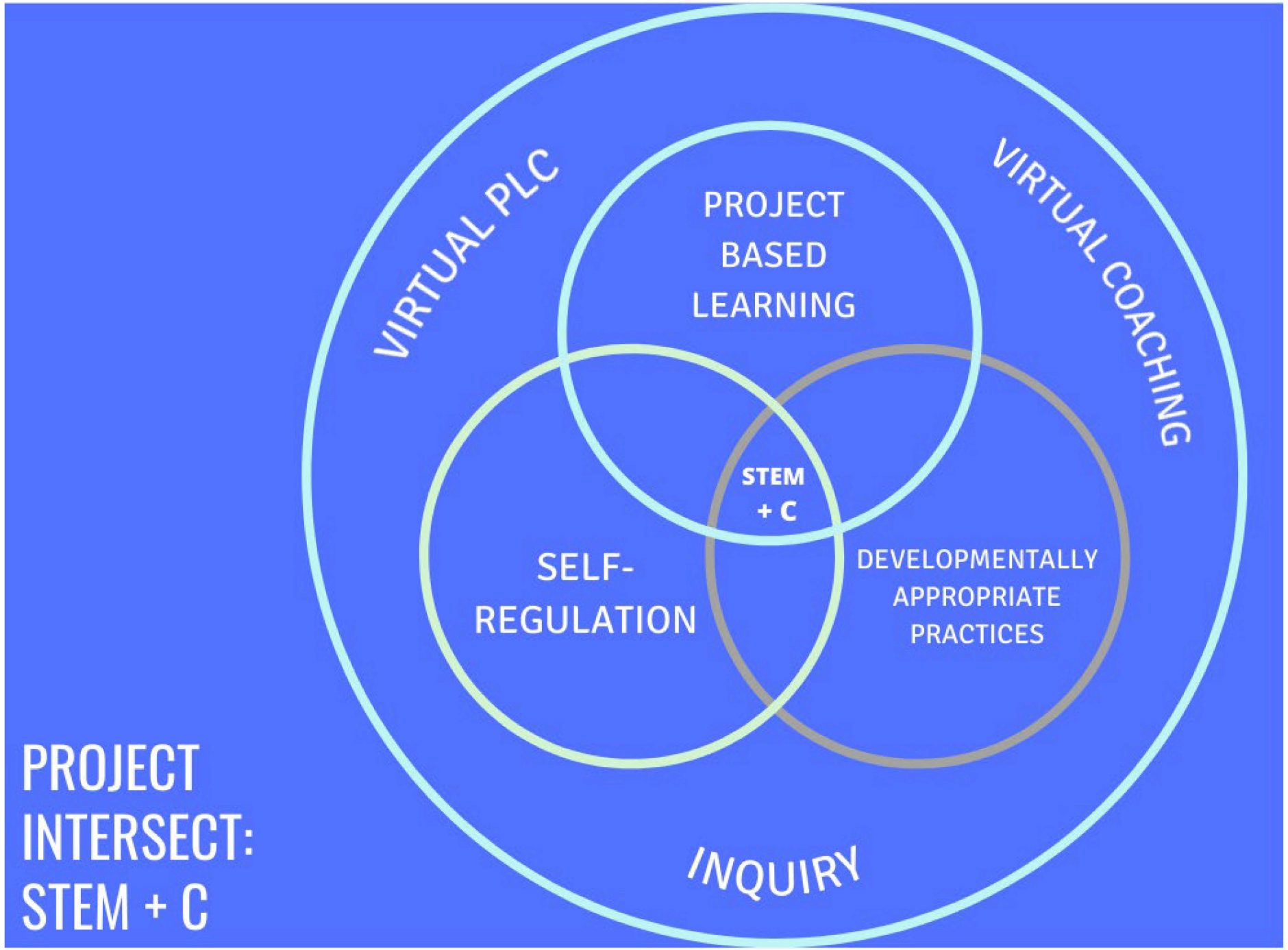
imagine this classroom!

goals

- Build teacher STEM+C content and pedagogical knowledge
- Enhance teacher capacity to integrate problem- and project-based learning instruction across curriculum
- Enhance PK-3 student learning in STEM and computational thinking
- Foster PK-3 students' self- regulation skills

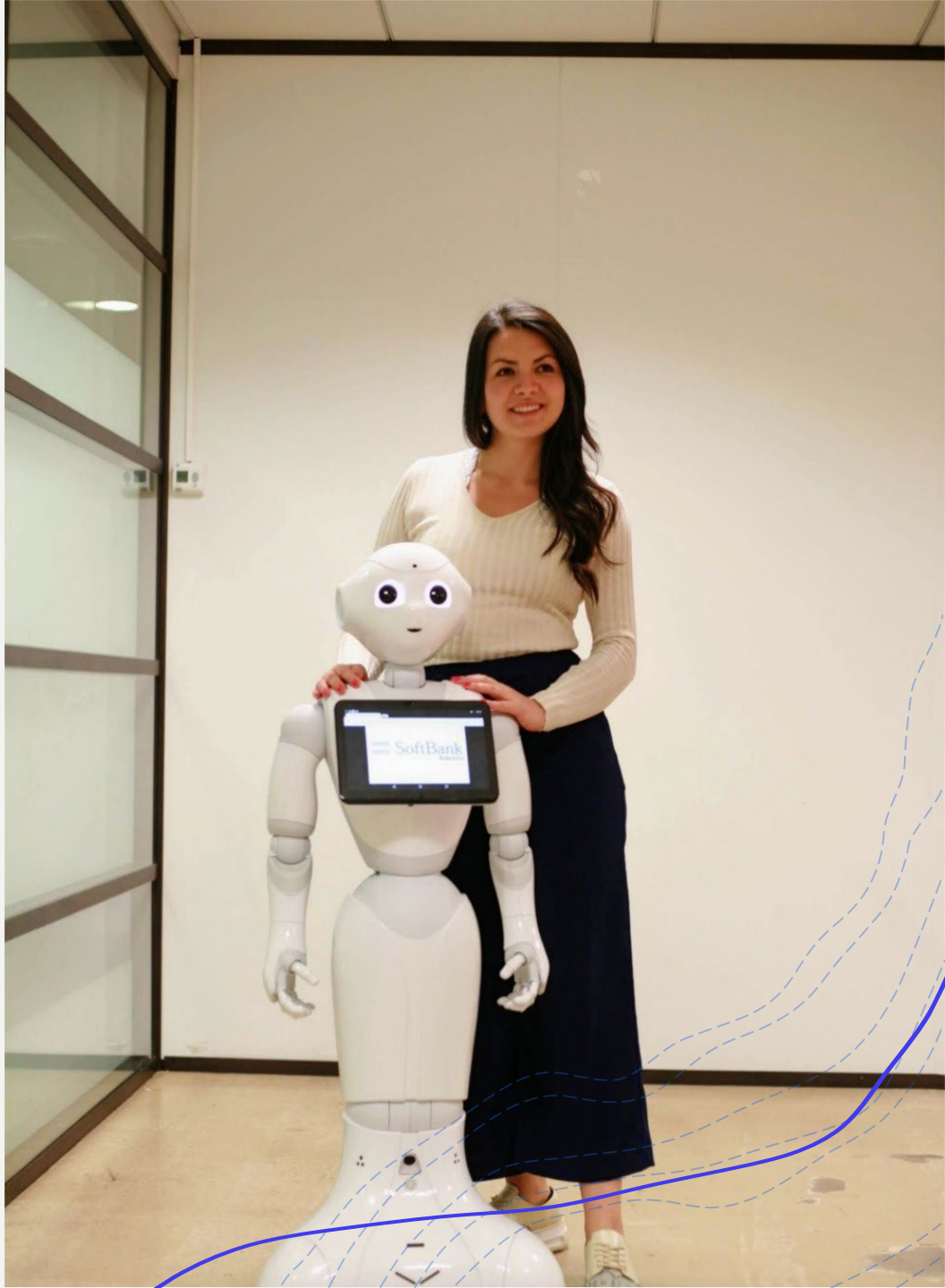
What knowledge, skills, & dispositions will InTERSECT teachers need?

Content knowledge, PCK, PBL and SEL	Negotiate/integrate into local context	Standards driven
Interdisciplinary design	Strong classroom learning environment	PBL skills/investigation, playful, student led,
Familiarity with toolbox of manipulative materials & use	Cultivate formative & summative assessment strategies to capture student learning	Inquiry as a tool to improve STEM+C practice



PROJECT INTERSECT: STEM + C

Online, job-embedded, & inquiry driven professional learning experiences for PK-3 teachers



Deep Dive: STEM+C Teacher Leader Cohort

PRACTICING TEACHER LEADERS

+ **MAE 6317** Teaching Elementary Mathematics Using Tech
+ **IDC 6015** Computational Thinking in STEM Plus C Environments
+ **SMT 6615** Engineering in the Elementary Classroom
+ Teacher Inquiry Course

Moderate Dive- STEM+C Professional Development Modules

PRACTICING TEACHERS

+ Teaching Elementary Mathematics Using Tech Module
+ Computational Thinking in STEM Plus C Environments Module
+ Engineering in the Elementary Classroom Module
+ Teacher Inquiry

Entry Dive- STEM+C Badging

TEACHER CANDIDATES

+ Mathematics Using Tech Badge
+ Computational Thinking Badge
+ Engineering Badge
+ Teacher Inquiry Badge

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