### Practicing the New Knowledge

Making new knowledge a part of you.



Article

13

Simple Robot Practice



Practicing a recipe with continued quidance.

Solo Practice



Practicing with variations in a solutions space.

Rigid Planner Practice



Creating solutions in a problem space.

## Orienting to Simple Robot







They don't know what to do and are easily blocked.

Celebration



They are an open cup. They will try things.

Action



Give a recipe of concrete steps that provides a win.

### Article

# Orienting to Solo



Weakness



Can't identify the underlining problem.

Celebration



They can modify existing solutions once they understand the problem.

Action



Give a recipe book to extend and modify.

## Orienting to Rigid Planner

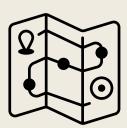


Weakness



Can't yet inspect and adapt.

Celebration



They can analyze and create a good plan because they research well.

Action



Give them an extensible set of problem analysis templates.

### Practice Artifacts

Mapping out levels of practice.



#### Solo Practice

Practicing with variations in a solutions space.



toward deliberate practice and design insight





#### Rigid Planner Practice Creating solutions in a

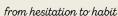
problem space.



reliable planning and execution







Simple Robot Practice

Practicing a recipe with

continued guidance.



