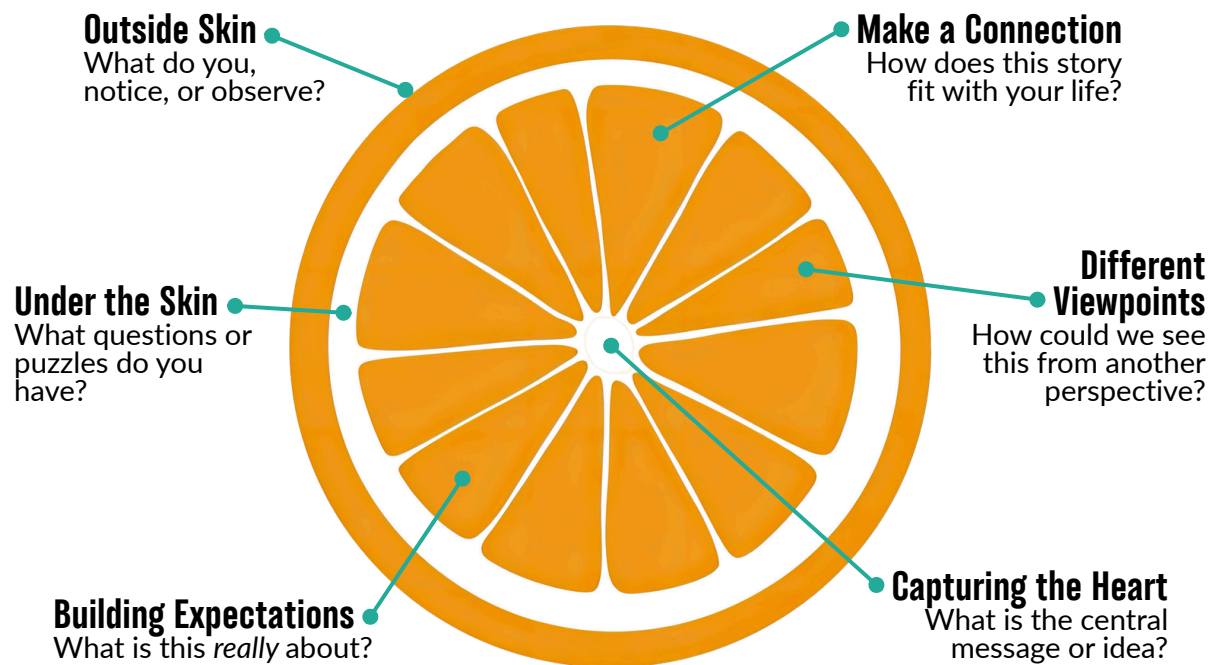


Peel the Fruit

A routine for tracking and guiding understanding.

1. Put some version of the map up in a convenient location or give learners copies. See example below and notes about different ways of using the map.
2. Briefly state that the group will be **tracking progress and planning** with the map from time to time. Note how the map uses the metaphor of “peeling the fruit.” getting familiar with the surface of something, seeking puzzles and mysteries to investigate, and pursuing these in various ways to arrive at core understandings.
3. Refer to the map to **choose next steps and mark progress** from time to time during the exploration of a topic (no need to do everything every time). Use it as a way of thinking about what routines to use or simply what kind of conversation or other activity to have.
4. When the map is used collectively by a class, you may want to invite students to **put up post-its on the map** over time to mark insights associated with any of the map elements.



PURPOSE

What kind of thinking does this routine encourage?

We often want to develop learners' understanding of a complex topic over days or weeks. This map can help. It's not a routine but a way of planning and tracking over time the exploration of a topic. It can help in choosing good routines too. This routine supports reasoning by having students form claims, explanations, or interpretations and support them with evidence. Questioning claims helps students see reasoning as an ongoing process.

APPLICATION

When and where can I use it?

Whenever there's a topic that calls for a broad and rich understanding and learners have enough time to look at it in different ways – anything from a single long lesson to several lessons or a unit. You can use it with students collectively, to help them maintain a bird's eye view of progress through a topic and to make with them good choices about what to do next. You can use it yourself, to plan topics and to track progress. You can also give copies to students for their individual self-management in pursuing a general class topic or individual projects.

LAUNCH

What are some tips for starting and using this routine?

Explain that the map is for tracking and guiding the exploration of the topic. Explain the metaphor briefly. Invite learners to help chart progress by using the map.

You can create a giant version of the map to put on the wall of a classroom (see diagram below), or just put labels up for the categories if it's easier to organize on the wall, or personalize the process in some other way. If you're tracking two or three topics at the same time or multiple groups you might: have two or three wall maps, color code paths on a single map, give learners page-size copies to track their own progress, or invent something else. Whatever works! The main idea is to make visible the developing understanding to mark progress and choose next steps.

It usually makes sense to start with the "skin" and go to "getting under the skin" with mysteries and then on from there to "substance" and toward the "core." You need not use all of the "substance" approaches—whatever fits—and there's no fixed order. You can go back to something and add at any time!

This thinking routine was developed as part of the Visible Thinking project at Project Zero at the Harvard Graduate School of Education. Explore the full PZ Thinking Routine Toolbox at pz.harvard.edu/thinking-routines.