

# SCAMPER

Use the letters of the word SCAMPER to encourage creative thinking, alternative solutions, and problem solving.

**S** - substitute

**C** - combine

**A** - adapt

**M** - modify, minimize, magnify

**P** - put to other uses

**E** - eliminate, extend, elaborate

**R** - rearrange, reverse

For example - the race route.

S - what could be a substitute route for the Iditarod Trail Sled Dog Race (all rivers)

C - what could you combine the route with to make it different (highways)

A - how might the route be adapted to a different biome (rainforest)

M - how might you modify the route (length)

P - what are other uses for the Iditarod Trail (cross country skiing)

E - what would happen to the race if the Iditarod Trail was extended (less participants)

R - what would it be like to run the route in reverse

Or a sled runner

S - what could you substitute for a runner on a sled (a ski)

C - what can you combine your sled runner with to make it better (

A - how could you adapt your sled runner to dirt (add wheels)

M - how would you modify a sled runner (make it unbreakable)

P - what else could you use it for (digging holes to plant my garden)

E - what if runners were eliminated from sleds (dogs would have to pull harder)

R - how might you rearrange your sled runner (put them in the middle of the sled)