Are you tech savvy?
How to assess if technology can help kids and families

Technology Assessment Form

1. What is the need?
   (Zamzee was created to address the 60% decline in physical activity from ages 9 to 15.)

2. What are the demographics of the population you are serving?
   - Primary language
   - Have computer or cell phone access
   - Age—are they able to read or do they need audio instructions

3. Does the technology you are considering meet your needs?
   Evidence/track record:
   - What studies have been done to determine impact of the device or app? What research design was used? Are there published results?
   - Accuracy of device or app
   - How long has product been on the market? How many users?

   Usability:
   - Price (for the customer and for your organization)
   - How do you wear it? (if wearable) What does the device or app track (steps, mileage, stairs, swim, sleep, heart rate, food, kcal, distance)
   - How and what it syncs to (phone/computer)?
   - Wireless or plug in?
   - How do users interface with device?
     - Is it iOS and/or android compatible?
   - How is the data viewed (screen on device, computer, etc.)?
   - How is the battery charged and what is the battery life? How is quality of the device assured? What to do if device breaks?
   - Platform in English and Spanish?
   - Is device water proof?

4. Will you be able to work with the organization that created the technology?
   - How is data protected? Privacy policy?
   - Customer support
   - How long has company been in business?
Does it have a similar mission to your organizations?
  i. Profit or non-profit organization

How are returns handled?

Do they work with other health care providers/insurers?

Is company willing to work with customers to tailor/customize device?

What data is provided to customer (both user and health care provider)? How often, in what format? Ability to be customized?

Type of support offered—live, email, phone

Training

Ease of communication

Response to requests/feedback

Reasonable timeline

5. Is your organization prepared to integrate new technology?
  □ Leadership willing to support the project with staff, time, money?
  □ Legal requirements within your organization
  □ Integration into your care system
  □ How will you be able to get the data you need?

Staff
  □ Who needs to be on the team
  □ Assessment or training needed

6. When is the best time to launch the new technology?
  (e.g. For project involving families, they are more available during summer but may not be available during the holidays)
  □ Consider competing demands for staff
  □ Appointment times (families prefer after school or after work)

7. How will you evaluate if the new technology is successful?
Your evaluation plan should be written before you start using the new technology
  □ What story do you want to be able to tell when the evaluation period is complete?
  □ What do you want the final report to show?
  □ If you are looking for behavior change, how will you capture baseline data?

Contact information:
Tamera.L.Tlustos-Arnold@kp.org
Jennifer.L.Bass@kp.org
Kimberly.A1.Young@kp.org