Concordia University Health Services



How To Effectively Set, Achieve and Maintain Health Goals

Note: If your goal is to quit smoking, visit the Quit Smoking section of the Campus Wellness and Support website (concordia.ca/health) where you can find "Your Guide to Quitting Smoking for Good".



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Your health is your greatest resource. If you don't believe this, imagine going through a day with a health problem (e.g. a broken leg, diarrhea, a high level of stress) and then imagine repeating the exact same day without the health problem. Which of these two experiences would you prefer? Undoubtedly, it would be the experience of the day without the health problem. Many people desire to improve their health and reap the benefits of healthy living. Unfortunately, making lasting changes can be challenging. We have developed this workbook—based on what research shows is effective in behaviour change—to help you successfully set, achieve, and maintain your health goals.

Is this workbook for you?

Setting and achieving health goals require changing the things that you currently do. Research tells us that health behaviour change takes place in stages.

The first of these stages, called precontemplation, happens when a person is not thinking about making changes. Examples include a person who uses tobacco and is not interested in quitting, or a sedentary person who is not thinking about becoming physically active. **If you are in this stage, then this workbook is NOT for you.** However, you may want to ask yourself what would it take for you to change. Weight gain? A heart attack? Consistent low energy? Chronic pain? A diagnosis of diabetes? At one point in their life, most of those who engage in unhealthy behaviours think about changing what they do, often because they don't feel well. Changing sooner—rather than later—means that you can spend more time reaping the benefits of healthy living. Get informed. Learn about the fantastic benefits associated with adopting positive health behaviours.

In the second stage, called contemplation, a person is thinking about changing but is not yet taking steps to make changes. There is some thinking, but no action yet. **If you are in this stage, then this workbook is NOT for you**. You can move along the stages towards readiness to change by learning more about the benefits of healthy living and by giving serious thought to how much better your life can be when you protect and enhance your health.

The third stage, called preparation, is one where a person is actually preparing to make a change. They plan to change soon and are taking steps to make that change. Examples include gathering information or making an appointment to meet with a health professional. **If you are in this stage, then this workbook is DEFINITELY for you.** The exercises in this book will guide you through the change process and give you the tools you need to effectively set, achieve and maintain your health goals.

In the fourth stage, called action, a person is doing what is recommended to improve as well as maintain good health, such as exercising for 150 minutes each week at a moderate to vigorous level. In the fifth stage, called maintenance, a person maintains the changes they have made in the action stage. If you are in either of these stages, then this workbook is for you.

How to use this workbook

Research has identified several factors that are associated with effective behaviour change. Studies confirm that success in behaviour change can be greatly enhanced by approaching it systematically (i.e. with a plan). This lends support to the adage "If you fail to plan, you plan to fail".

Effective behaviour change can be summarized in 4 steps:

Step I: Set a S.M.A.R.T. goal

- Step 2: Build commitment to the goal
- Step 3: Make a plan
- Step 4: Monitor and problem-solve

The Determinants of Health

As a society, we put great emphasis on individual choices and behaviours as factors that affect health. Yet there is a growing understanding that health is determined not only by individual factors such as behaviours, biology and genes; it is also impacted by a range of environmental, economic, and social determinants.

The choices we make are shaped by the choices we have

Making healthy choices isn't only about discipline and commitment. The context of a person's life influences their choices and plays a significant role in determining how healthy they are. Where we live, whether we are exposed to pollution, our income, our education level, and our ability to influence our circumstances all have a considerable impact on our health. For example, some communities have easy access to fresh, affordable fruit and vegetables; other neighborhoods only have fast food restaurants and convenience stores. Some people have enough money, nice homes, and safe places to walk and bike; others don't. We can see that the decisions of political leaders, institutional administrators, and company managers-all decision-makerspowerfully impact the health of individuals and the community.

We CAN influence the determinants of health.

For example, we can advocate for policies that reduce the gap between rich and poor or we can lobby for increased availability of healthy foods in our communities. However, these changes will not happen overnight. It is critically important to adopt healthenhancing behaviours that will help you achieve your optimal health potential.

It is these PERSONAL HEALTH PRACTICES that are the focus of this workbook.

To learn about the social, political, and economic root causes of health and how to address them, check out "Health, in other words...", by Santé et des Services sociaux Québec.

https://publications.msss.gouv.qc.ca/ msss/fichiers/2007/07-245-02wa.pdf

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The intention of this workbook is to guide you through these steps. It contains exercises that incorporate the science of effective behaviour change. If you truly want to make changes in your health behaviours, complete all exercises (indicated with a pencil) and be as detailed as possible. Including more detail may seem time consuming; however, the time and energy you invest in working on the details will greatly enhance your chance of success. This booklet is interactive, so you can complete the exercises by typing in the document.

This workbook is not something you can complete in a weekend and put away. It is an active document; just as behaviour change is an active process. Keep reviewing the exercises and add more information so that you can gain greater depth and insight—and add richness to the experience.

With these points in mind, move to Step I and start your journey towards better health and a better life experience!

STEP I: SET A S.M.A.R.T. GOAL

The first step in moving towards better health is to identify what you wish to achieve. In other words, you have to set a goal for the behaviours you want to adopt.

Research has identified that effective goals share 5 characteristics that can be remembered using the acronym SMART. A goal should be:

Specific: This means that the goal is precisely defined, such as "I will be physically active at a moderate intensity for 150 minutes a week". Do not set vague goals such as "I want to eat better" or "I want to exercise more".

- **Measurable:** You have to be able to measure your progress toward the goal in order to be able to identify whether or not you've achieved it. A clue that a goal is measurable is that it has a number in it.
- Action-oriented: The goal needs to relate to things that you do, rather than the outcome of those behaviours. For example, if you wish to lose weight—which is a final outcome—you need to set nutrition and physical activity goals, which are the behaviours that lead to weight loss.
- **Realistic**: You must be able to achieve the goal, taking into consideration such factors as time, energy, the impact on your health etc. Exercising 3 hours a day, every day, is not realistic. Eating less than 1,200 calories a day can have a negative impact on a person's health, so this health goal is not appropriate.

Time-bound: The goal must include a time frame—daily,

weekly etc.—as to when you will engage in the behaviours you have identified.

Besides these characteristics, there are other considerations about goals that you should keep in mind. They include:

• The goal should be your own

- not because someone else wants you to do it
- not because you think it is the right thing to do
- not because everyone else is doing it

EXAMPLES OF A SMART. GOAL

NUTRITION

Every day I will have:

- 8 servings of fruit and vegetables
- 4 servings of grain foods
- 4 servings of protein foods
- 3 servings of oil/fats

- other foods totaling no more than 200 calories

PHYSICAL ACTIVITY

Each week I will engage in a total of 150 minutes of moderate- to vigorousintensity physical activity above and beyond my activities of daily living.

SLEEP

Every night I will get 6-8 hours of uninterrupted, restful sleep.

- The goal shouldn't be too easy. Easy goals don't present a challenge and require very little investment of time and energy to achieve. A goal should be something challenging that requires effort.
- Be careful not to confuse a strategy for achieving a goal with the goal itself. For example, "Go to the gym 4 days a week" is one of the strategies to achieve the goal of being "physically active at a moderate level for 150 minutes a week". It is not the goal. You can tell the difference between a goal and a strategy by the level of specificity. A goal has many paths to get there, while a strategy is one of those paths.

- The goal should not contradict other goals. Fortunately, health goals are usually consistent with other goals.
- The goal should be worded in a positive manner whenever possible. State what you will do rather than what you won't do. For example, "Each day I will eat 8 servings of fruit and vegetables, 4 servings of grains..." is worded positively; whereas "I won't eat chocolate" refers to what you won't do.

A final note on setting goals

Sometimes the goal you want to achieve and maintain requires a significant amount of change, so it can seem daunting and overwhelming. In such a case, it is best to set intermediate goals that progressively get you closer to the final goal. For example, if your final goal is to be physically active for 150 minutes week but you currently aren't physically active, an intermediate goal could be to engage in physical activity for 60 minutes a week. Once you are consistently achieving your intermediate goal you can set another intermediate goal that is more challenging (e.g. 100 minutes a week) and so forth, until you progress to working on your final goal

Now it's time to complete Exercise 1.1. and write down your health goal before moving on to the other exercises in the workbook.

EXERCISE I.I

MY HEALTH GOAL

MY ULTIMATE HEALTH GOAL

In the space below, write your ultimate health goal. As much as possible, try to make it a SMART goal. Indicate which of the SMART criteria your goal meets by checking the boxes below.

MY GOAL IS: Decific Decific Decimation Dec

Note: If you identify that your ultimate health goal is very challenging and it seems overwhelming, consider setting progressively more challenging intermediate health goals (below) that will build towards your ultimate health goal.

MY INTERMEDIATE HEALTH GOAL

In the space below, write your intermediate health goal. As much as possible, try to make it a SMART goal. Indicate which of the SMART criteria your goal meets by checking the boxes below.

MY INTERMEDIATE GOAL IS: Specific Measurable Action-oriented Realistic Time-bound

STEP 2: BUILD COMMITMENT TO THE GOAL

Of the four steps in the change process, this step is the most crucial. What separates those who successfully achieve and maintain health goals from those who don't is commitment. Commitment is different than motivation or willpower. Both motivation and willpower can be high or low. For example, if it is raining, your motivation to go for your evening run could be low and you may skip it. Or, it is your birthday and friends give you a box of your favourite chocolates that look so good that your willpower is low and you end up having more than you planned—or all of them. Motivation and willpower may work in your favour when times are good; but when times are bad they won't help you stick to your goal. On the other hand, commitment doesn't waver. You are either committed or you are not. There is no in-between. Commitment

helps you stick to your goal during the good times and the bad—when barriers get in the way.

To make this clear in your mind, think about some things that you are totally committed to. Perhaps it is your studies, your kids, or your watching your favourite live sporting event. Nothing can get in the way of your commitment to this goal. If there is a problem with public transportation, you will still go to class. If it is raining, you will still pick up your kids at school. If you are busy, you will find a way to make time to watch your favourite live sporting event. You see how commitment works? When there The bottom line is that you need to see the change as a **GIFT** you give yourself...not a deprivation.

is commitment and you encounter a barrier, you find a way around it, over it, or under it. You don`t let the barrier prevent you from reaching your goal!

Commitment to the goal is crucial for success at achieving it. So how does a person go about building commitment to a health goal? Two factors contribute to commitment: importance and ability. For a person to commit to a goal they need to see it as important and they need to believe that they are able to carry out the behaviours/tasks that are necessary to achieve it.

The exercises that follow are geared to help you:

- a) identify how important you see you goal, and
- b) identify how capable you believe you are at achieving it

A) How important is this goal?

Several factors contribute to determining how important a goal is. They include tying the goal to your values, tying the goal to other life goals, and examining the pros and cons of change. The exercises that follow are designed to help you identify and/or build the importance of your health goal.

• Tie the health goal to your values

A value is something that is important to you; something that has worth. You will evaluate a health goal that is consistent with the values you hold as more important than one that doesn't fit with your values. Healthy living doesn't have to be in competition with your values. In fact, it is consistent with many of the values that people hold. For example, setting a goal to engage in regular physical activity fits well with the value of adventure since regular physical activity increases fitness, and fitter people are better prepared to be adventurous. Setting a goal to get 7 hours of quality sleep each night fits well with the value of having a lot of energy, since sufficient, quality sleep is associated with increased levels of energy. Setting a goal to eat according to Canada's Food Guide is consistent with valuing the environment since a healthy diet is a plant-based, whole foods diet, which is much better for the environment.

Complete Exercise 2.1 now to identify how your health goal fits with your values:

EXERCISE 2.1

HOW MY HEALTH GOAL FITS WITH MY VALUES

D Positive attitude, optimism

D Prosperity, wealth, money

D Prestige, affluence

Relaxation, rest

□ Safety, security

Sexual activity

D Strength

□ Wisdom

Other values:

D Power

Review the list of values below and indicate those that are important to you by selecting the adjacent box. Don't be limited to these values: add your own in the spaces at the end of the list. Next, transfer your most significant values to the left column of the table below. Finally, identify how your health goal fits with each value.

- Accomplishment, success
- □ Adventure
- Amusement, entertainment, recreation, fun
- 🗖 Balance
- □ Beauty, attractiveness
- Bravery, courage
- Career
- Calmness, serenity, tranquility, peace
- Challenge
- □ Charity, giving, generosity
- Collaboration, teamwork
- Commitment
- Communication
- Community
- Competence
- Control
- Cooperation

- DependabilityDevotion
- Discipline

Creativity

- Education, learning,
- knowledge, discovery
- □ Efficiency
- 🗖 Energy
- Environment
- Excellence
- Expertise
- □ Fairness, equality
- □ Faith, spirituality
- 🗖 Fame
- Family
- Fashion
- Financial security
- □ Freedom, liberty
- Friendship

 Growth, improvement, development
 Hard work
 Health, fitness
 Happiness, contentment, joy, delight
 Harmony
 Honesty
 Independence, self-reliance
 Integrity

- Logic, reason, critical thinking
- □ Love, romance, intimacy
- Maturity

T Frugality

- Organization
- Peace
- Passion
- Pleasure

• Tie the health goal to your other goals

We all have goals in life. These include such things as being financially secure, working in a rewarding job, meeting a partner, having children, living a long and healthy life, traveling to Europe, starting a business etc. If you identify that achieving your health goal will help you achieve other life goals, then you are more likely to see your health goal as important and to commit to it. **Complete Exercise 2.2 now to identify how achieving your health goal will help you achieve your other life goals:**

EXERCISE 2.2 HOW MY HEALTH GOAL CAN HELP ME ACHIEVE OTHER GOALS <

Below, list some life goals you wish to achieve. Then, identify how achieving the goal from Exercise 1.1 can help you achieve each life goal.

A goal I have in life is to:	How achieving my health goal helps me achieve this life goal:

• Examine the pros and cons of changing

Another way to evaluate the importance of a goal is to develop a "balance sheet" of the pros and cons of making the necessary changes in your behaviour to achieve that goal. A person is more likely to evaluate a goal as important if the benefits (i.e. the "pros") they see from making changes outweigh the consequences (i.e. the "cons"). For example, the pros of engaging in 150 minutes of moderate physical activity a week include: more energy; more stamina; greater muscle tone; greater flexibility; better balance; better mood; better sleep; better sex and a reduced risk of many illness including diabetes, heart disease, stroke, depression and some cancers. On the other side of the balance sheet, some of the "not-so-good" things (i.e. cons) to becoming more physically active may include: less time for rest and relaxation; getting up earlier and, therefore, going to bed earlier; experiencing soreness; and costs associated with a gym membership, shoes, workout clothes or a new bike.

Complete Exercise 2.3 now to identify the pros and cons of working towards your goal.

EXERCISE 2.3 THE PROS AND CONS OF CHANGING

PROS:

Below, in the left column, list the potential pros (good things) about changing to achieve the health goal you have indicated in Exercise 1.1. Think about the pros now and in the future. Next, in the right column, indicate how likely you believe that this good thing will actually happen as a result of the changes you make.

The good things about changing	Likelihood that this will happen (Check box: 1= not at all likely, 5=somewhat likely, 10=extremely likely)	
	1 2 3 4 5 6 7 8 9 10	
	1 2 3 4 5 6 7 8 9 10	
	1 2 3 4 5 6 7 8 9 10	
	1 2 3 4 5 6 7 8 9 10	
	1 2 3 4 5 6 7 8 9 10	
	1 2 3 4 5 6 7 8 9 10	

CONS:

Below, in the left column, list the potential cons (not-so-good things) about changing to achieve the health goal you have indicated in Exercise 1.1. Think about the cons now and in the future. Next, in the right column, indicate how likely you <u>believe</u> that this not-so-good thing will actually happen as a result of the changes you make.

The not-so-good things about changing	Likelihood that this will happen (Check box: 1= not at all likely, 5=somewhat likely, 10=extremely likely)
	1 2 3 4 5 6 7 8 9 10
	1 2 3 4 5 6 7 8 9 10
	1 2 3 4 5 6 7 8 9 10
	1 2 3 4 5 6 7 8 9 10
	1 2 3 4 5 6 7 8 9 10
	1 2 3 4 5 6 7 8 9 10

Putting it together: How important is my goal?

The goal of the previous three exercises is to help you identify how important your health goal is. Remember, in order for you to commit to that goal, you need to see it as very important. Take a few minutes to review your answers to Exercises 2.1, 2.2 and 2.3. and then complete the following exercise:



If you rated the importance of your goal as low, you likely will not wholeheartedly commit to your goal. After all, why would you invest time and energy into something you don't see as important? Before you move ahead in this workbook you will benefit by giving more thought to the importance of your goal. Below is a list of some things to think about that can increase the importance of this goal for you. Think about these and then rate the importance of your goal again.

- Review each of these exercises. Did you capture all the values that are important to you? Did you identify all the ways your values and this goal fit together? Did you list all your life goals, and think of all the ways achieving your goal can help you achieve them? Can you think of more pros and cons of changing?
- Do some research to identify more pros. Get on the Internet, consult a health care professional or talk with someone who has already achieved the goal you have set to find out more good things about it. The more pros you have on your list, the more likely you will see your goal as important.
- Identify your needs. Many behaviours are attempts to meet basic needs. For example, a person may realize that they turn to unhealthy snack foods to wind down at the end of the day. Happily, there are many strategies that can meet our needs more effectively, with fewer adverse effects and more benefits!
- Critically examine your belief in the likelihood that the pros and conswill happen. When you selected a number indicating the likelihood that one of the pros or cons would happen in Exercise 2.3 you were rating your belief that this will happen (not the actual likelihood). If you evaluated many of the pros with a low likelihood and rated many of the cons with a high likelihood, you probably won't see the goal as important. Was your rating of the likelihood accurate? If you have worked towards this—or a similar—goal in the past, think about all the good things that happened. Think about how you felt. Think about the energy you had. Even think about how relationships with others changed for the better. Also, take a look at the cons. Are you overestimating the likelihood that not-so-good things will happen? Do you have evidence that these things will happen? What about others who have changed? Have they experienced these negative effects? Are the not-so-good things really all that bad? (For example, if a con is that you will have less time to watch televsion, can you see this as a good thing?)

B) How confident am I in my ability to do what it takes to achieve this goal?

Seeing a goal as important is not the only factor that helps a person commit to change. After all, a person may see a goal as important yet not make efforts to achieve it. For example, many people see quitting smoking as important but they continue to smoke. Although a firm belief in the importance of achieving a health goal is necessary, it is not sufficient to ensure success. A person must also believe that they are able to make the change. In fact, research in the area of behaviour change has identified that self-efficacy—the belief a person has in their ability to do what it takes to achieve a goal—is a powerful predictor of success in behaviour change.

Several factors contribute to a person's belief in their ability to make a change. They include examining and applying strengths and skills, identifying other priorities that could interfere with reaching the goal, and identifying possible barriers to the goal and ways to overcome them. The exercises that follow will help you explore your belief in your ability to do what it takes to achieve the goal you have set in Exercise 1.1.

• Identify and use your strengths and skills

We all have strengths and skills. These are the positive qualities, assets or attributes that help us achieve our goals. By identifying the strengths and skills you have and how you can use them to achieve your goal, you increase your belief in your ability to achieve the goal, which in turn increases the chances that you will be successful. **Complete Exercise 2.4 now to identify your strengths and skills.**

EXERCISE 2.4

MY STRENGTHS AND SKILLS

The objective of this activity is to identify your strengths and skills and determine how you can use them to achieve your health goal. There are several ways to identify your strengths and skills:

• One way is to reflect on goals you have successfully achieved in the past. What strengths and skills did you tap into or develop at the time that led to success? Take a few minutes to write down 3 goals you have achieved in the past. Examples include: graduating from high school, quitting smoking, establishing and maintaining a friendship or partnership, winning a competition, traveling abroad etc.

1. Past goal I	have	achieved:
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2. Past goal I have achieved:

3. Past goal I have achieved:

- Another way is to to think about what you like about yourself, what people compliment you on, and what people rely on you for. Also, think about any rewards or recognitions you have received and competitions you have won or did well in.
- A final way to identify your strengths and skills is to review the list below and indicate those that you possess. You can add other strengths and skills that are not listed.
- Adaptable
 Adventurous
- AmbitiousAnalytical
- Analytical Assertive
- Capable
- **D** Capable
- Communicator
- Compassionate
- Confident
- Conscientious
- Cooperative
- Courageous
- Curious
 Daring
 Dedicated
 Deliberate
 Dependable
 Determined
 Eager
 Energetic
 Farsighted
 Flexible

Creative

Critical thinker

Hard-working
Healthy
Idealistic
Imaginative
Independent
Intelligent
Inventive
Logical
Mature
Methodical
Negotiator

Generous

Optimistic
Organized
Passionate
Patient
People person
Perseverance
Planner
Practical
Problem-solver
Progressive
Project-oriented
Purposeful

Rational
Realistic
Reflective
Reliable
Resilient
Resourceful
Responsible
Results-oriented
Self-aware
Self-controlled

□ Self-directed

D Spiritual

- □ Strong-minded
- Task-orientedThoughtful
- Trustworthy
- □ Trustworth

Other strengths/skills

Below, list the strengths and skills that you have identified from this exercise. Then, identify how you can use each strength/skill to achieve the health goal you indicated in Exercise 1.1.

A strength or skill I have is:	How I can use this strength/skill to achieve my health goal:

• Identify competing priorities

Commitment to a goal requires dedicating time, energy and other resources to achieving it. This means making the goal one of your priorities. Each of us has several priorities in life including work, school, relationships, leisure, hobbies, volunteering, entertainment etc. The higher up on the priority list your health goal is, the more resources you will dedicate to it. If your other priorities consume all your time and energy, there will be no more left to dedicate to your health goal. In Exercise 2.5, write down the things that take up your time, energy, money and other resources. Some examples of priorities include sleep, family, school, work, a hobby, entertainment, time with your partner, leisure and socializing.

EXERCISE 2.5

MY PRIORITIES

Below, identify which of your current priorities take up a significant amount of your time, energy and other resources. If you have difficulty identifying priorities, think about a time when you tried to make a change and weren't successful because something got in the way (e.g. couldn't exercise because you had to study, work, clean the house, take care of the kids, watch TV, play online games etc.). That "thing that got in the way" is likely something with greater priority. Also, anything you spend a lot of time doing is likely a priority.

My Priorities		

After reviewing your priorities, which of the following statements do you think best applies to you?

After reviewing my priorities, I believe that I have enough time, energy and other resources to dedicate to my health goal.

After reviewing my priorities, I am not sure that I have enough time, energy and other resources to dedicate to my health goal.

After reviewing my priorities, I definitely do not have enough time, energy and other resources to dedicate to my health goal.

• Other barriers

Another strategy to enhance your belief in your ability to achieve your goal is to identify barriers that you may encounter and make a plan for what you will do in case you encounter them. By problem-solving ahead of time you will likely realize that the barriers are not as great as you may think. You will also be prepared the next time they arise and you will be able to overcome them more easily.

EXERCISE 2.6 OTHER BARRIERS TO MAKING CHANGES

Below, identify any significant barriers to achieving your goal that you believe you may encounter. Then, identify what you will do to overcome them. One common barrier is lack of dedication to the process of behaviour change, which includes failing to complete activities in this workbook. If you have not done the activities before this one, go back and do them before returning to this exercise. Not completing these exercises compromises the odds of success.

Possible Barrier	My plan to overcome this barrier
	exercise continued on next page

EXERCISE 2.6 continued

OTHER BARRIERS TO MAKING CHANGES

Possible Barrier	My plan to overcome this barrier

Putting it together: How confident am I in my ability to achieve my goal?

In the introduction to Step 2 we pointed out that developing commitment to a goal is crucial and involves two factors: importance and belief in ability to make the change. Even if a person sees a goal as very important, they are not going to make lasting changes unless they also believe that they are able to do what it takes to achieve the goal. Exercises 2.4, 2.5 and 2.6 helped you identify your strengths and skills as well as identify barriers to making changes, including competing priorities. Take a few minutes to review your answers to these exercises; then, complete the following exercise:



If you rated your confidence as low, you likely will not wholeheartedly commit to this goal. After all, why would you invest time, energy and other resources into something that you don't believe you will be able to do? Before you move ahead in this workbook you will benefit by giving more thought to your belief in your ability to make changes. Listed below are things that can move your confidence rating to a higher number. Put some thought into these and then go back and rate confidence in your ability again.

• **Review each of the exercises and give each one more thought**. Did you identify as many skills and strengths as possible? (If you didn't identify enough to fill in the 5 spaces we provided, return to the exercise and add more. If you did use all 5 spaces, grab a sheet of paper and identify a few more.) Did you think of the many possible ways you can use your skills and strengths? As you identify more skills and strengths and how you will use them, your belief in your ability will grow. Did you list all important priorities? Are some of your priorities truly not all that important, especially when compared to your health? Did you think about all the possible ways you can overcome the barriers you listed in Exercise 2.6?

- **Review past successes.** Did you list 3 goals you have achieved in the past? Think deeply about these successes and how you were able to achieve them. At first they may have seemed quite challenging, but you faced the challenge and succeeded! What resources did you tap into to be successful?
- Look at people like you. One proven way to build your self-efficacy is to identify people like you who have already achieved the goal you have identified. When we see someone similar to us succeed, it enhances our belief in our ability to succeed. These people likely faced similar barriers while working towards their goal. They were able to overcome these barriers. What can you learn about how they did it?
- Use positive self-talk. Self-talk is those messages in your head: it is what you tell yourself. What you tell yourself is a strong predictor of what you will do. Identify negative self-talk and determine if the message is accurate. Then, replace it with a positive, helpful message. For example, if you tell yourself "I can't do this" (is this really true?), stop...think about this...then come up with a more helpful thought such as "This is going to be a challenge, but I am ready and able to face it because achieving this goal will have such a positive impact on my life".
- Talk to those who are encouraging. Besides using positive self-talk, you can get positive messages by connecting with others who are encouraging and supportive. When you tell them about your health goal, they will likely express confidence that you can do it; which will surely increase your self-efficacy. These people can be supportive throughout the change process, but in the beginning they can be instrumental in building your belief in yourself.

Are you ready to start working on your goal?

At the beginning of this section we pointed out that commitment to the goal is critical to success. Your heart has to be in it. You have to reach a point where you see the behaviour as a gift, not a deprivation—where nothing will get in the way of achieving this important goal.

Examine the final ratings you have given to the questions of importance (page 8) and your belief in the ability to make changes (page 11). If you rated both importance and ability as high, you are ready to move on to the next step. You don't need to score a "10" on each to be ready to move on. In fact, as you begin making changes and start reaping the benefits, your assessment of importance and ability will likely grow.

If you score low on either importance or on your belief in your ability (or both) and choose not to work to build either of these, then you need to acknowledge that you are not yet ready to change. Continuing with the exercises in this workbook would likely lead to failure, which would further undermine your belief in your ability to change, both now and in the future.

If you are not willing—or not able—to commit to the work and effort required to achieve your goal, then you have two choices. The first is that you can return to Step I and set a more realistic goal. Continue working through the exercises with this new, more realistic goal in mind.

The second choice is to realize and accept that you are not ready to make the changes necessary to achieve the goal right now. This includes accepting that you will not reap the benefits that achieving your goal would bring. Many people wish to lose weight, yet they are not willing to do the (hard) work it takes to do it. They often feel bad for not changing their exercise and/or nutrition behaviours. This is not helpful. Accepting that losing weight is not a priority now, is a more helpful response than feeling bad.

Change does not happen by accident: It takes meaningful, intentional action. If you don't want to commit to the work, be honest with yourself and move on to other interests, pursuits and priorities.

STEP 3: MAKE THE PLAN

Achieving a goal can be a complex process that involves completing many individual tasks. For example, the tasks involved in achieving a nutritional goal might include learning more about the various nutrients, learning how to plan a day of healthy eating, generating a shopping list, learning how to read a food label, finding and preparing healthy recipes, buying food storage containers, identifying shops that sell produce at good value in the neighbourhood, scheduling time to prepare meals, developing a repertoire of quick, easy-to-make meals...the list goes on.

In this third step of the change process you will identify the tasks that you need to do to achieve the goal you have written in Exercise 1.1. Some goals require just a few tasks; others require many. We have divided this section into several categories of tasks to make this process easier.

Before you continue, take some time to think about the strategies you will use to achieve your goal. What changes do you think you can make? For example, if you have a nutrition goal you may see yourself cooking at home more often, bringing your lunch to work/school, or grocery shopping more often. If you have a physical activity goal you might see yourself going to the gym 3 days a week and playing basketball with friends once or twice a week. Visualizing the things you will do to achieve your goal can greatly help with the exercises in this section. **Complete exercise 3.1 and write down some things you plan to do to achieve your goal.**

EXERCISE 3.1 THINGS I MIGHT DO TO ACHIEVE MY GOAL

Below, write down some things you plan to do to achieve your health goal:

• Build Skills

A skill can be defined as the ability to do something well. Skills are learned, often through training. Since a skill refers to knowing how to do something, the word "how" often introduces a skill. Examples of skills include: how to read a food label, how to use a condom correctly, how to negotiate effectively, how to check your heart rate, how to identify the number of calories in a food, how to say "no", how to correctly lift weights or how to recognize hunger and satiety cues. Some of the tasks involved in reaching your goal may require building skills. **Complete Exercise 3.2 to identify the skills you need to build and how you will build them.**

EXERCISE 3.2

SKILLS I NEED TO BUILD

Below, list the skills you believe you will need to build and use to achieve your health goal. Then, determine how you will build each one and then go out and build that skill. Indicate your confidence with that skill by placing a check-mark in the box next to the skill.

Skill	How I will build this skill:	\checkmark

Skill	How I will build this skill:	\checkmark

• Gather information

Making changes usually requires gathering information and building knowledge related to the change. A person who has set a physical activity goal may need to gather information about the services, equipment, and monthly fees of local gyms; learn about recommended number of sets and reps in weight lifting; or learn about the best clothing for walking outdoors in winter conditions. A person with a nutrition goal may need to learn more about proteins, fats and carbohydrates; learn about healthy cooking techniques such as broiling and grilling; or learn which foods are high in fiber.

Some of the tasks involved in reaching your goal may require gathering information. Complete exercise 3.3 to identify the information you need gather and how you will obtain it.

EXERCISE 3.3 INFORMATION I NEED TO GATHER

Below, list the information you believe you will need to gather to achieve the goal you wrote in Exercise 1.1. Then, identify how you will get that information. Finally, when you have obtained that information and understand it, place a check-mark in the box.

Information	How I will obtain this information	\checkmark

Get support from others

Research reveals that social support is an important factor in successful behaviour change. Social support refers to the network of family, friends, co-workers, neighbours and others who can offer encouragement or assistance. People can provide practical, emotional, financial or other types of help. Some examples of social support include:

- a person who has set a nutrition goal asks a good friend to teach him how to prepare a few healthful dishes or he asks his parents (who shop for, and prepare, the food at home) to include plenty of fruit and vegetables in the weekly shopping and to include extra vegetables and less meat in his servings;
- a person who has set a physical activity goal asks a friend to be her walking partner or asks her parents to be encouraging;
- a person who has set a sleep goal asks his roommates to turn down the volume on the television in the evening after he has gone to bed.

Some of the tasks involved in reaching your goal may include garnering the support of others. **Complete Exercise 3.4 to identify who can support you and how they can support you.**

EXERCISE 3.4

SOCIAL SUPPORT I CAN GET

Below, list the people who you believe can support you in achieving the goal you wrote in Exercise 1.1. Next, identify what type of support you would like to receive from each. Finally, place a check-mark in the box after you have spoken to that person and they have agreed to support you.

Who can support me	How they can support me	\checkmark

• Change your environment

Healthy behaviours are much easier to carry out if the environment supports it. For example, being physically active is easier if there are bike paths and safe walking trails in the area; eating a diet rich in fruits and vegetables is easier if there are several stores in the neighbourhood that sell quality produce at good prices. These are examples where the environment is already shaped for us. However, there are things a person can do to shape their environment so that it encourages and supports the actions needed to reach a health goal. For example, a person who wishes to achieve a nutrition goal can fill his pantry and refrigerator with healthy foods, remove unhealthy ones from the house, or buy equipment that makes healthy cooking easier—such as a slow cooker or food processor. A person with a physical activity goal can clear a spot in her living room for doing exercises or download exercise routines.

Complete Exercise 3.5 to identify the changes you can make to your environment to support your goal.

EXERCISE 3.5 CHANGES I CAN MAKE TO MY ENVIRONMENT

Below, list the things you can do to structure an environment that supports your behaviour change. Next, identify how you will accomplish that change. Once you have made that change, place a check-mark in the box.

Change to environment	How I will do it	\checkmark

Other tasks and strategies

The previous exercises in this step have prompted you to identify tasks in several categories that included skills, information, and support from others. There may be other tasks or strategies that don't fit neatly into these categories. For example, if part of your goal is to eat 8 servings of fruits and vegetables each day, some tasks and strategies to achieve that might include:

- I will make a grocery shopping list every week.
- My grocery shopping list will include at least 4 types of vegetables and 2 types of fruit.
- When I go shopping I will head first to the fruit and vegetable aisle.
- I will include a piece of fruit or a serving of vegetables in at least 2 of my 3 snacks each day.
- Each week I will seek out and prepare one new vegetable dish or side dish.
- I will visit a website that has healthy recipes and try one out each week.
- I will have at least two different vegetables with supper.
- I will buy a slow cooker to make cooking easier.

Complete Exercise 3.6 to identify the other tasks and strategies that can help you reach your goal.

EXERCISE 3.6

OTHER TASKS AND STRATEGIES

Below, list the other tasks/strategies you believe will help you achieve the health goal you wrote in Exercise 1.1.

Task/Strategy	How I will achieve this

• Identify possible barriers and how you will address them

Another important consideration in developing a plan is to identify any possible barriers you may encounter that will prevent you from putting the plan in place. Once you have identified a possible barrier, brainstorm ways to overcome it. These barriers could be conditions that already exist or situations that you may encounter in the future.

One example of a condition that already exists is a distaste for vegetables in a woman whose goal is to consume 8 servings of fruit and vegetables each day. In this case she may choose to experiment with some of her favourite spices to enhance the flavour of vegetables. She may decide to add curry when stir-frying vegetables, or create a spicy dip for vegetables using fat-free sour cream and a few drops of hot chili sauce.

Complete Exercise 3.7 to identify any possible barriers and how you will address them. You have already given some thought to this in Exercise 2.6, when you identified things that could prevent you from working on achieving your goal. You might get some ideas for this exercise by reviewing Exercise 2.6.

Below, identify barriers you may likely encounter that could prevent you from achieving your health goal. Then, identify what you will do to overcome each barrier.

Possible barrier	What I will do if I encounter this barrier

· Identify and implement rewards

The final part of the plan that will increase the chances of successfully achieving your health goal is to identify and implement rewards. Rewards can act as incentives and encourage attainment of your goal because they provide immediate and tangible feedback.

Some tips for identifying rewards:

- A reward should be something you truly enjoy.
- A reward should be good for you (having a cigarette after doing a yoga class is not a helpful reward).
- Rewards can be monetary (e.g. paying yourself or giving to charity), non-monetary (e.g. clothes, electronics), activities/social (e.g. going to the movies, having friends over for dinner), relaxation (e.g. a hot bath, a massage) etc.
- Some should be quick and easy to implement (e.g. buying music online); others can be long term (e.g. putting away money each week for a trip to Europe).

EXERCISE 3.8

MY REWARDS

In the spaces below, identify rewards that you can give yourself for successfully completing steps in your plan.

1.	4.	7.
2.	5.	8.
3.	6.	9.

STEP 4: MONITOR AND PROLEM-SOLVE

Now that you have set a SMART goal (Step 1), have built commitment to achieving and maintaining it (Step 2), and have broken it down into specific tasks that you are carrying out (Step 3), what remains is to make sure that you are on track. This is where monitoring and problem-solving come in.

Research is clear about this fact: those who monitor a goal are much more likely to achieve and maintain it than those who don't. This makes sense. If you are monitoring your progress, you will know if you are on track. If you are not on track, you can take steps to get back on track (i.e. problem-solve). If you are on track, you can note what is helpful and continue doing those things.

Monitoring involves documenting the behaviours that contribute to the goal. The most important thing to monitor is your SMART goal. Since one of the characteristics of a SMART goal is that it is "measurable" (i.e. it has numbers in it), it should be easy to monitor. For example, if your SMART goal is to engage in 150 minutes of moderate- to vigorous-intensity physical activity per week (which is consistent with recommendations) you can use a calendar to document how many minutes of moderate- or vigorous-intensity physical activity you do each day and add them up at the end of the week. If that total is 150 minutes or more, you have achieved your goal. At the bottom of this page is an example of a monitoring sheet for this physical activity goal.

You can develop your own monitoring tool, or use an existing one. Even if your goal is not a SMART goal, you can still monitor it. On the the right are examples of monitoring sheets for a nutrition goal, each with a different level of specificity (which is the "S" in SMART goal). You can download these interactive monitoring sheets HERE.

- Monitoring sheet A can be used to monitor a nutrition goal based on simple, general guidelines to healthy eating. The goal is "Each day I will consume a diet that consists primarily of plant foods; and whole or minimally processed foods will make up most of the foods I consume."
- Monitoring sheet B can be used to monitor a nutrition goal based on the proportions recommended in Canada's Food Guide. In this case the goal is "Each day, half of what I consume will be vegetables and fruit (with more vegetables than fruit), one quarter will be grain foods (with a focus on whole grains) and another quarter will be protein foods (and I will include plant protein foods). I will also have a few tablespoons of oil/fats (with a focus on plant oils) and I will include a small amount of other foods and beverages (treats).
- Monitoring sheet C can be used to monitor a specific and measurable (i.e. SMART) nutrition goal. In this case the goal is based on Canada's Food Guide and reflects the number of servings for an energy goal of about 2000 calories per day. This goal is: "Each day I will have 8 servings of fruit and vegetables, 4 servings of grain foods, 4 servings of protein foods, 3 tablespoons of oil/fats, and 200 calories of other foods or beverages."

Enter the information onto your monitoring sheet as soon as you can. When all the information is entered, review your sheet to determine if you have achieved your goal. If you have...Great! Keep doing what you are doing. A: Monitoring Sheet for Nutrition Goal Based on General Healthy Eating Recommendations

		Did plant foods make up most of the foods I consumed today?			
	xx	No, I consumed very few-or no-plant foods today			
	x	No, I had some plants foods today, but they did not make up most of what I consumed			
	?	Not sure			
Ø	√	Yes, most of the foods I consumed today were plant foods			
	√√	Definitely, the overwhelming majority of foods I consumed today were plant foods			
Did	Did whole foods, and minimally processed foods, make up most of the foods I consumed today?				
	xx	No, I consumed very few-or no-whole/minimally processed foods today			
	×	No, I had some whole/minimally processed foods today, but they did not make up most of what I consumed			
	?	Notsure			
Ø	√	Yes, most of the foods I consumed today were whole/minimally processed foods			
	√√	Definitely! The overwhelming majority of foods I consumed today were whole/minimally processed foods			

B: Monitoring Sheet for Nutrition Goal Based on Canada's Food Guide Recommendations

Date	Very little or none at all	Some, but less than 1/2 food for the day	About 1/2 of the food for the day	More than 1/2 food for the day
Vegetables and Fruit			Q	
	Very little or none at all	Some, but less than 1/4 of the food for the day	About 1/4 of the food for the day	More than 1/4 of the food for the day
Grain Foods			J	
Protein Foods			ব	
	Very little or none at all	1-2 Tbsp	2-4 Tbsp	5 Tbsp +
Oils/fats			V	
		Very little or none at all	About 150-300 calories	Significantly more than 300 calories
"Other" foods and drinks			V	

C: Monitoring Sheet for a SMART Nutrition Goal

Date:	# servings fruit and veg	# servings grain foods	# servings protein foods	# servings fat and oil	# calories of "Other foods/ drinks"
Breakfast					
2 slices whole grain bread		2			
1 Tbsp non-hydrogenated margarine				1	
2 Tbsp low-sugar strawberry jam					50
1 cup honeydew melon cubes	2				
Mid-morning snack					
1 hard-boiled egg			1/2		
40 grams cheese			1/2		
Lunch					
1/2 cup pasta		1			
1 cup vegetable pasta sauce	2				
Green salad made with 1 cup lettuce +	1				
1/2 cup chopped vegetables	1				
1 Tbsp low-fat salad dressing				1	
Mid-afternoon snack					
Small granola bar					150
3/4 cup low-fat yogurt			1		
Dinner					
3/4 cup chickpea curry			1		
1/2 cup white rice		1			
1 cup roasted vegetables	2				
1 Tbsp olive oil for roasting				1	
Evening snack					
1/4 cup dry roasted almonds			1		
My total for the day	8	4	4	3	200
MY GOAL FOR THE DAY	8	4	4	3	200

Weekly Physical Activity Monitoring Sheet

Week of: June 10-June 17	Mon	Tues	Wed	Thu	Fri	Sat	Sun	Total
Type of activity	Bike ride		Brisk walk in the park	Aerobic video at home		Game of soccer with friends	Bike ride	
Minutes of moderate/ vigorous-intensity physical activity	20		20	20		45	45	150

If you have not achieved your goal, take some time to reflect on the reason(s) why and think about what changes you can make to overcome the barrier(s). The problem-solving worksheet below can be very helpful in this part of the behaviour change process.

After reflecting on the reason(s) why you didn't achieve your goal, record each one on the worksheet. Be as specific as you can. There are 2 main groups of barriers: practical barriers and cognitive barriers. Each group of barriers has a particular problem-solving approach:

- **Practical barriers** are those related to the situation. Overcoming practical barriers requires <u>doing something</u> about the situation. For example, consuming hardly any vegetables and fruit one day because you had no vegetables and fruit at home is a practical barrier. To overcome this barrier you can commit to keeping a stock of vegetables and fruit at home, including frozen and canned vegetables.
- Cognitive barriers are those related to your thinking. Overcoming cognitive barriers requires changing the way you think. For example, one day you consume 2 slices of pizza, a large order of fries and a big bowl of ice cream. You identify that the reason you consumed more processed foods than what was on your nutrition goal is because you got some bad news and told yourself "Eating these foods makes me feel good and I want to feel better because this news made me feel bad". To overcome this barrier you can examine your thinking and identify alternative, more helpful ways of thinking about this situation. A more helpful thought could be "Eating lots of junk food because I don't feel good is emotional eating. This doesn't fix my problem and makes me feel guilty after I have eaten so much junk. There are many things I can do to deal with my emotions that don't include overeating such as talking with a friend, taking a brisk walk, watching a comedy show or doing a hobby."

A technique called cognitive restructuring is helpful for changing ways of thinking.

PROBLEM -SOLVING WORKSHEET

Monitoring Your Monitoring

Another way to use monitoring to your advantage in the change process is to monitor your monitoring. Doing this provides you with a greater perspective. Below is an example of monitoring the monitoring of a nutrition goal. When the person achieved their goal for the day they placed a check mark on that date. When they didn't, they place an "X". When they didn't monitor, they placed a "?". Review the 2 calendars below to determine who is having greater success.

Person I



Person 2

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				` ?	²	x
· 🗸	· 🗸	`x	′ √	`x	×	"?
"?	12	"	*	້ ?	*?	"
18	"	20 🗶	21	2 ×	23	*?
"?	28	"	28	2 🗶	" 🗶	эт 🗶

Below, identify barriers (reasons) why you didn't achieve your goal. Determine if this is a practical reason or a cognitive reason so that you can identify an appropriate change to make to overcome the barrier. Then, identify a way to overcome the barrier.

Reason I did not achieve my goal	How I will overcome this barrier and get back on track					
	Does overcoming this barrier require a practical problem-solving strategy or a cognitive problem-solving strategy? My problem-solving strategy to overcome this barrier (what I will do, what change I will make) is:					
	Does overcoming this barrier require a practical problem-solving strategy or a cognitive problem-solving strategy? My problem-solving strategy to overcome this barrier (what I will do, what change I will make) is:					
	Does overcoming this barrier require a practical problem-solving strategy or a cognitive problem-solving strategy? My problem-solving strategy to overcome this barrier (what I will do, what change I will make) is:					