Weight Lifting Mini Unit



by Ron Borkowicz, Ph.D. National Teacher of the Year

Three Separate Sections for Grades 5-6, 7-8, and 9-12

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Suggestions For Using This Mini-Unit

This resource was developed by a National Teacher of the Year who taught at the middle school, high school and university levels. One of the primary goals when developing this resource was to **make** everything easier for the teacher. All of the research and time-consuming work is already done. The only thing that a teacher needs to do is decide on the level of difficulty for the students and make copies at the copy machine. A description of each component follows.

Articles: A Guide To General Weight Lifting

In addition todescribing the health benefits that a general weight lifting exercise program provides, these articles provide the readers with the correct training principles for their personal strength training program. The information is presented in a manner which is easy for the students to understand. The articles are divided into three levels of ability; Grades 5-6, Grades 7-8, and Grades 9-12. The two shorter articles (5-6, 7-8) correspond with Levels one and two of the tests and crossword puzzles.

Many teachers who have been using these Mini-Units for their students have found another use for the articles. They make copies of the article (along with one of the puzzles) and distribute them to the staff as part of their Worksite Wellness program.

Educational Puzzles

There are four levels of Crossword puzzles and five levels of Word Search puzzles. The puzzles are arranged with Level One being the easiest to complete and the highest level being the most difficult.

The puzzles are an entertaining way to introduce the students to the vocabulary terms that will be included in a lesson and help to reinforce reading, spelling and comprehension skills. They can also be given to students who finish their classroom work early or to study hall students who say that they have "nothing to do." All of the puzzles come with an Answer Key.

Tests and Review Questions

Because each Mini-Unit is designed for multiple grade levels, there are several levels of Tests and Review Questions. Like the Educational Puzzles, the higher the level, the more difficult the material. In addition to using as standard assignments, Review Questions can be used as alternate work for homebound students, for non-participants in gym class, for make-up work due to an absence, for extra credit, etc. All of the Tests and Review Questions come with an Answer Key.

Worksheets

The three Worksheets levels are similar to the Tests and Review Questions but are arranged to be easier for the students to complete. Each Worksheet is arranged so that the questions are in the same order as the information presented in the article. This is especially useful if using the Worksheets as explained in the Teacher Lesson Plan. All of the Worksheets come with an Answer Key.

Teacher Lesson Plan

This Lesson Plan can be used by the classroom teacher for a daily class or it can be set aside for a substitute teacher who is not familiar with the topic.



A Guide To General Weight Lifting Grades 5-6

There are many different ways to increase muscular strength. Some



people perform calisthenics like push-ups and sit-ups. Others use progressiveresistance equipment like elastictubing. However, most individuals prefer



Warm-up

All weight lifting sessions should begin with warm-up exercises. They help prepare the body for the activity that will follow. In addition to reducing the chance of injury, the warm-up session will prepare the body for a better workout. That is because muscles perform better if they are warmed-up before the activity.

Reps and Sets

Repetitions, or reps, refer to the number of times



you perform an exercise without resting. For example, if you perform 10 leg presses in a row, it is referred to as 10 reps.

A set refers to the number of times that you complete your reps. For example, if you perform 10 leg presses and rest, then perform 7 leg presses and rest. then perform 4 leg presses, you have completed three sets of 10, 7 and 4 reps. For a weight general lifting program, you should perform three sets of each exercise.

You should not be able to perform more than 10 reps for each set of exercises. If you can perform more than 10 reps without giving up good form, you should add more weight.

Timing

The amount of time that you spend during the harder part of the exercise and



during the easier part of the exercise depends on a variety of things. If you are performing the inclined bench press for general strength, you will perform the harder part at a slower pace than if you are training as a shot putter who needs to put the shot with maximum speed.

Although the harder phase of an exercise does more to increase muscle strength than the easier phase, both phases strengthen muscle tissue. Hence, the rule-ofthumb for a general weight lifting program is to spend twice as much time on the easier phase of the exercise. If you take one second to lift the weight, take two seconds to lower it.

Rest Periods

How much time Should you rest Between each set of exercises?



That depends on your weight lifting goals. For a general weight lifting program, the rest period between sets should last from 2 to 3 minutes.

How much time should you rest between exercise sessions? It takes 48 hours of rest, not exercising, for the muscles to become completely rested. Therefore, if participating in a weight general lifting program, you should have one day of rest between each day of exercise.

Breathing

During aweight lifting exercise, you should exhale during theharder phase



and inhale during the easier phase. Never hold your breath during an exercise as this can cause you to feel light-headed and pass out.

Conclusion

In conclusion, it is best not to exercise too much when first starting your exercise program. And remember, excess weight places more stress on your body. So it is best to maintain a healthy weight.

Also, mild soreness during the first few days after

starting to exercise is common and is not a reason to stop your exercise



program. However, a sharp pain during the exercise may indicate a serious problem. To be safe, discuss your plan with your doctor before starting any exercise program.

Helpful Websites

PLEASE NOTE: The Helpful Websites section is <u>not</u> part of the Mini Unit. It is a potential bonus. This is because no publisher can be assured that any URLs will remain active. The resources listed below were included here because the URLs were working at the time of copyright and because these websites have proven themselves to be very reliable. We are sorry if access to some of these websites stop but we know that you can appreciate the situation. Also, given the format for this resource, the URLs do not link up automatically.

Weight Training

www.exrx.net/Exercise

Weight Training Exercises http://www.mayoclinic.com/health/weight-training/SM00041

Physiology of Weight Lifting http://www.ncbi.nlm.nih.gov/pubmed/7073463

Weight Lifting Injuries http://www.ncbi.nlm.nih.gov/pubmed/1746391

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A Guide To General Weight Lifting Grades 7-8

There are many ways to different increase muscular Some strength. people perform calisthenics like push-ups and sit-ups. Others use progressiveequipment resistance like elastic tubing. However, individuals prefer most



lifting weights for their path to stronger muscles.

Warm-up

All weight lifting sessions should begin with warm-up exercises. They help prepare the body for the activity that will follow. In addition to reducing the chance of injury, the warm-up session will prepare the body for a better workout. That is because muscles perform better if they are warmed-up prior to the activity.

Reps and Sets

Repetitions, or reps, refer to the number of times you perform an



exercise without resting. For example, if you perform 10 leg presses in a row, it is referred to as 10 reps.

A set refers to the number of times that you complete your reps. For example, if you perform 10 leg presses and rest, then perform 7 leg presses and rest. then perform 4 leg presses, you have completed three sets of 10, 7 and 4 reps. For a weight lifting general program, you should perform three sets of each exercise.

Timing

Each exercise has an easier phase and a harder phase. The amount of time that you spend during the harder part of the exercise and during the easier part of the exercise depends on a variety of things.

lf you are performing an exercise that only



takes the specified muscle group through a 90 degree range of motion, like the bench press, you will only spend half as much time performing the exercise than if you are performing an exercise that takes the specified muscle group through a 180 degree range of motion, like the biceps arm curl.

Also, if you are performing the inclined bench press for general strength, you will perform the harder phase at a slower pace than if you are training as a shot putter who needs to put the shot with maximum velocity.

Although the harder (positive) phase of an exercise does more to increase muscle strength than the easier (negative) phases phase, both strengthen muscle tissue. Hence, the rule-of-thumb for general weight lifting а program is to spend twice as much time on the easier phase of the exercise. If you take one second to lift the weight, take two seconds to lower it.

Overload Principle

In order to become stronger, muscles need to perform more work than they are used to performing. This called the overload is As you progress principle. and you become capable of performing more than ten reps for a set of exercises, vou should increase the amount of weight.

To reduce the chance of injuries when training with weights, you should be sure to exercise opposing muscle An example of groups. opposing muscle groups in the upper arm is the biceps and triceps. The biceps are responsible for elbow flexion while the triceps are responsible for elbow extension.

Overtraining

When applied to exercise, more is not always better. It is possible to experience negative health results if exercising too much. This is called overtraining.

To reduce the chance of an overtraining injury, consider these recommendations.

• Be sure to use the proper technique when exercising. Improper technique can lead to chronic muscle and connective tissue problems.

• Monitor your time and your exercise intensity

when working out. This will help reduce the chance of overworking yourself during your exercise session.

• Maintain your proper weight. Excess weight places more stress on your body.

Breathing

During a weight lifting exercise, you should exhale during the harderphase and inhale during the easier phase. Never hold your breath during an exercise as this can cause you to feel light-headed and pass out.

Rest Periods

How much time Should you rest Between each set of exercises? That depends on



your weight lifting goals. For a general weight lifting program, the rest period between sets should last from 2 to 3 minutes.

How much time should you rest between exercise

sessions? It takes 48 hours of rest, not exercising, for the muscles to become completely rested. Therefore, if participating in a general weight lifting program, you should have one day of rest between each day of exercise.

Goals

Before starting a weight lifting program, you first need to determine your goals. Established goals will help you to select a weight training program that is most appropriate for your desired outcome.

Conclusion

In conclusion, mild soreness during the first few days after starting to exercise is common and is not a reason to stop your exercise program. A sharp pain during the exercise, however, may indicate a serious problem.

To be safe, discuss your plan with your doctor before starting any exercise program.



Helpful Websites

SEE NOTICE ON PAGE 4

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A Guide To General Weight Lifting

There are many different ways to increase muscular Some strenath. people perform calisthenics like push-ups and sit-ups. Others use progressiveresistance equipment like elastic tubing. However, most individuals prefer



lifting weights for their path to stronger muscles.

Warm-up

All weight lifting sessions should begin with warm-up exercises. They help prepare the body for the vigorous activity that will follow. In addition to reducing the chance of injury, the warm-up session will prepare the body for a better workout. That is because muscles perform better if they are warmed-up prior to the activity.

If you are not in good physical condition, walking at a moderate pace or riding an exercise



bike at a moderate pace is a good selection of a warm-up activity. If you are in top physical condition, your warm-up exercise might consist of a slow jog or using an exercise bike with resistance. In any case, the warm-up period is a must before any strenuous exercise session.

Types of Programs

Weight lifting programs differ considerably can depending on the goals of the participant. Some individuals lift weights to improve absolute strength. Absolute strength is achieved by performing few reps with more weight. Others lift weights to improve dynamic strength. Dynamic strength is achieved by performing more reps with less weight.

A circuit weight training program combines strength training with aerobic exercise. Although good for improving muscle endurance, circuit weight training does not increase muscle strength as well as absolute or dynamic weight training programs.

Circuit weight training programs are best suited for individuals who wish to improve both their cardiovascular fitness and their general strength but do not have enough time to participate in two separate exercise programs.

General weight lifting, on the other hand, involves near-maximum weight with minimum repetitions. Unless training for a specific event, most individuals participate in a general weight lifting program.

Reps and Sets

Repetitions, or reps, refer to the number of times you perform an



exercise without resting. For example, if you perform 10 leg presses in a row, it is referred to as 10 reps.

A set refers to the number of times that you complete your reps. For example, if you perform 10 leg presses and rest, then perform 7 leg presses and rest. then perform 4 leg presses, you have completed three sets of 10, 7 and 4 reps. For a general weight liftina program, you should perform three sets of each exercise.

You should not be able to perform more than 10 reps

for each set of exercises. If you can perform more than 10 reps without compromising good form, you should add more weight.

Each set should be performed to near fatigue which level. means vou cannot perform another rep while maintaining the correct technique and form. It is common that you will only be able to perform 3 or 4 reps on the last set if performing 10 reps on the first set.

Timing

Each exercise has an easier phase and a harder phase. During the squat,



lowering the weight is the easier phase. This is called the *eccentric* or *negative* phase. Pushing the weight up is the harder or more strenuous phase and is called the *concentric* or *positive* phase.

The amount of time that you spend during the more difficult part of the exercise (*concentric* phase) and during the easier part of the exercise (*eccentric* phase) depends on a variety of things.

If you are performing an exercise that only takes the



specified muscle group through a 90 degree range of motion, like the bench press, you will only spend half as much time performing the exercise than if you are performing an exercise that



takes the specified muscle group through a 180 degree range of motion like the biceps arm curl.

Also, if you are performing the inclined bench press for general strength, you will perform the *concentric* phase at a slower pace than if you are training as a shot putter who needs to put the shot with maximum velocity.

Although the positive phase of an exercise does more to increase muscle strength than the negative phase. both phases strengthen muscle tissue. Hence, the rule-of-thumb for general weight lifting а program is to spend twice as much time on the easier phase of the exercise. If you take one second to lift the weight, take two seconds to lower it.

Overload Principle

order to become In stronger, muscles need to perform more work than they are accustomed to. This is called the overload principle. As you progress and you become capable of performing more than ten reps for a set of exercises, you should increase the amount of weight.

Also, to reduce the chance of injuries when training with weights, you should be sure to exercise opposing muscle groups. An example of opposing muscle groups in the upper arm is the biceps and triceps. The biceps are responsible for elbow flexion while the triceps are responsible for elbow extension.

Rest Periods

How much time should you rest between each set of exercises? That depends on your weight lifting goals. If training as a power lifter, you may wish to rest 4 to 5 minutes between each set of exercises. If training as a wrestler, you may wish to rest for only 30 seconds between exercises. That is because your weight lifting program should be designed to best prepare you for the actual activity you are training for.

For a general weight lifting program, the rest period between sets should last from 2 to 3 minutes. This frame time allows the muscles to recuperate sufficiently for the next set, while still remaining warm enough for both maximum performance and injury prevention.

How much time should vou rest between exercise sessions? It takes 48 hours of rest, not exercising, for the muscles to become completely recuperated. Therefore, if participating in a general weight liftina program, you should have one day of rest between each day of exercise.

Breathing

During a weight lifting exercise, you exhale should during the harder phase and inhale during the easier phase. Never hold breath vour during an exercise as this can cause you to feel light-headed and pass out.

Overtraining

When applied to exercise, more is not always better. Known as overtraining, exercising too much may cause negative health consequences.

To reduce the chance of an overtraining injury, consider these recommendations.

• Be sure to use the proper technique when exercising. Improper technique can lead to chronic muscle and connective tissue problems.

• Monitor your time and your exercise intensity when working out. This will help reduce the chance of overexerting yourself during your exercise session. • Maintain your proper weight. Excess weight places more stress on your body.

• If you like to lift weights every day, do not exercise the same muscle groups each day. Exercise half the muscle groups on one day and the other half of the muscles on another day.

Common symptoms of overtraining include soreness,



lowered resistance to colds, chronic fatigue and lowered coordination. If you have any of these symptoms, you may need to lessen the intensity of your training.

Benefits

Everyone understands that lifting weights helps to increase both muscle size and strength, but there are many other benefits to weight lifting that are not as obvious. Additional physical benefits include an increase in bone mass, a moderate reduction body and in fat when practicing circuit weight

training, reductions in cardiovascular disease risk



factors. Psychological benefits include a reduction in stress along with an increase in self-confidence.

Goals

Before starting a weight lifting program, you first need to determine your goals. Establishing goals will help you to select the weight training program that is most appropriate for your desired outcome.

Conclusion

In conclusion, mild soreness during the first few days after starting to exercise is common and is not a reason to stop your exercise program. A sharp pain during the exercise, however, may indicate a serious problem.

To be safe, discuss your plan with your doctor before starting any exercise program.



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True or False Test - Level One A Guide To General Weight Lifting

Directions: For the following statements, circle the T if the statement is true and circle the F if the statement is false.

F1. Weight lifting sessions should always begin with warm-up exercises.

F2. Stretching is not considered a warm-up exercise.

T F3. A general weight training program combines strength training with aerobic exercises.

F4. The number of times that you perform an exercise without resting is called reps.

- **F**5. For a general weight lifting program, you should perform one set of each exercise.
- **T F** 6. For a general weight lifting program, you should not be able to perform more than ten reps for each set of exercises.

TF7. The harder phase of an exercise of an exercise should be performed slower than the easier phase.

T F8. For a general weight lifting program, periods between sets should last about two minutes.

- **TF**9. It takes twenty-four hours of rest, not exercising, for the muscles to become completely recuperated (rested).
- **F**10. During a weight lifting exercise, you should exhale during the harder phase.

Test or Questions for Review - Level One A Guide To General Weight Lifting Directions: From the information included in the article you read, complete each statement with the best answer. 1. All weight lifting sessions should begin with _____ exercises. The number of times that you perform an exercise without resting is called______. 3. For a general weightlifting program, you should perform ______ sets of each exercise. 4. During a weight lifting exercise, you should exhale during the phase. 5. Excess ______ places more stress on your body. 6. Warm-up exercises reduce the chance of _____. 7. The easier phase of an exercise should be performed ______than the harder phase. The number of times that you complete your reps is called a______. 9. Holding your breath during an exercise can make you_____. 10. For a general weight lifting program, periods between sets should last about _____ minutes.

Test or Questions for Review - Level Two A Guide To General Weight Lifting Directions: From the information included in the article you read, complete each statement with the best answer. 1. All weight lifting sessions should begin with _____ exercises. 2. The number of times that you perform an exercise without resting is called 3. For a general weightlifting program, you should perform ______ sets of each exercise. 4. During a weight lifting exercise, you should exhale during the ______phase. 5. Excess ______ places more stress on your body. 6. Warm-up exercises reduce the chance of ______. 7. The easier phase of an exercise should be performed _____ than the harder phase. 8. The number of times that you complete your reps is called a_____. 9. Holding your breath during an exercise can make you ______. 10. For a general weight lifting program, periods between sets should last about minutes. Before starting a weight lifting program, you first need to determine your 12. The bench press is an exercise that involves a ______ degree range of motion. 13. To reduce the chance of injuries when training with weights, you should be sure to exercise muscle groups. 14. Exercising too much is called . 15. Muscles needing to perform more work than they are used to is called the principle.

Nar	ne			class	grade
		Test or Questions A Guide To (From the information inc each statement with the b	<mark>General Weight</mark> luded in the arti	Lifting	plete
1.	All weight lifting s	sessions should begin with	l	exe	ercises.
2.	The number of ti	mes that you perform an e	xercise without re	esting is called	
	For a general we h exercise.	ightlifting program, you sh	ould perform		sets of
4.	During a weight I	ifting exercise, you should	exhale during th	e	phase.
5.	Excess	pla	ces more stress	on your body.	
6.	Warm-up exercis	es reduce the chance of_			
7.	The easier phase harder phase.	e of an exercise should be	performed		than the
8.	The number of ti	mes that you complete you	ur reps is called a	a	
9.	Holding your brea	ath during an exercise can	make you		
10.	For a general we minutes.	ight lifting program, period	ls between sets s	should last about	
11.	Before starting a	weight lifting program, you	u first need to de	termine your	
12.	The bench press motion.	is an exercise that involve	es a		degree range of
13.	To reduce the ch	ance of injuries when trair	ning with weights	, you should be sur	e to exercise
		muscle gro	oups.		
14.	Exercising too m	uch is called			
15.	Muscles needing principle.	to perform more work tha	n they are used t	o is called the	
16.	One physical ber	nefit of weight lifting can in	clude an increas	e in	mass.
17.		strength is a	achieved by perfe	orming more reps v	vith less weight.
18.	The harder phase	e of an exercise is called t	he	F	ohase.
19.		strength is a	achieved by perfe	orming few reps wit	h more weight.
20.	The easier phase	e of an exercise is called th	ne	p	hase.

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A Guide To General Weight Lifting

Answer Key - True or False Test - Level One

- 1. Weight lifting sessions should always begin with warm-up exercises. True
- 2. Stretching is not considered a warm-up exercise. True
- 3. A general weight training program combines strength training with aerobic exercises. **False** A circuit weight training program combines strength training with aerobic exercises.
- 4. The number of times that you perform an exercise without resting is called reps. True

5. For a general weight lifting program, you should perform one set of each exercise. **False** For a general weight lifting program, you should perform **three** sets of each exercise.

- 6. For a general weight lifting program, you should not be able to perform more than ten reps for each set of exercises. **True**
- 7. The harder phase of an exercise of an exercise should be performed slower than the easier phase. **False** The **easier** phase of an exercise should be performed slower than the **harder** phase.
- 8. For a general weight lifting program, periods between sets should last about two minutes. **True**
- It takes twenty-four hours of rest, not exercising, for the muscles to become completely recuperated (rested). False It takes forty-eight hours of rest, not exercising, for the muscles to become completely recuperated (rested).
- 10. During a weight lifting exercise, you should exhale during the harder phase. True

A Guide To General Weight Lifting

Answer Key - Tests and Review Questions

(Note: This solution applies to all three levels)

- 1. All weight lifting sessions should begin with warm-up exercises.
- 2. The number of times that you perform an exercise without resting is called reps.
- 3. For a general weightlifting program, you should perform three sets of each exercise.
- 4. During a weight lifting exercise, you should exhale during the harder phase.
- 5. Excess weight places more stress on your body.
- 6. Warm-up exercises reduce the chance of injury.
- 7. The easier phase of an exercise should be performed **slower** than the harder phase.
- 8. The number of times that you complete your reps is called a set.
- 9. Holding your breath during an exercise can make you pass out.
- 10. For a general weight lifting program, periods between sets should last about two or three minutes.
- 11. Before starting a weight lifting program, you first need to determine your goals.
- 12. The bench press is an exercise that involves a **ninety** degree range of motion.

13. To reduce the chance of injuries when training with weights, you should be sure to exercise **opposing** muscle groups.

- 14. Exercising too much is called overtraining.
- 15. Muscles needing to perform more work than they are used to is called the **overload** principle.
- 16. One physical benefit of weight lifting can include an increase in **bone** mass.
- 17.Dynamic strength is achieved by performing more reps with less weight.
- 18. The harder phase of an exercise is called the **concentric** phase.
- 19. Absolute strength is achieved by performing few reps with more weight.
- 20. The easier phase of an exercise is called the eccentric phase.

Worksheet - Level One A Guide To General Weight Lifting

Directions: From the information included in the article you read, complete each statement with the best answer.

1.	All weight lifting sessions should begin with	_exercises.
2.	Warm-up exercises reduce the chance of	
3.	The number of times that you perform an exercise without resting is called_	
4.	The number of times that you complete your reps is called a	
	For a general weightlifting program, you should performh exercise.	sets of
	The easier phase of an exercise should be performed	than the
	For a general weight lifting program, periods between sets should last about utes.	ut
8.	During a weight lifting exercise, you should exhale during the	phase.
9.	Holding your breath during an exercise can make you	
10.	Excess places more stress on your body.	

Worksheet - Level Two A Guide To General Weight Lifting

Directions: From the information included in the article you read, complete each statement with the best answer.

1.	All weight lifting sessions should begin withex	kercises.										
2.	2. Warm-up exercises reduce the chance of											
3.	. The number of times that you perform an exercise without resting is called											
4.	. The number of times that you complete your reps is called a											
	For a general weightlifting program, you should perform	sets of										
6.	The easier phase of an exercise should be performed	than the										
7.	 For a general weight lifting program, periods between sets should last about minutes. 											
8.	During a weight lifting exercise, you should exhale during the	phase.										
9.	Holding your breath during an exercise can make you											
10.	Excess places more stress on your body.											
	The bench press is an exercise that involves a	_ degree range of										
	Muscles needing to perform more work than they are used to is called the											
13.	To reduce the chance of injuries when training with weights, you should be su	ure to exercise										
	muscle groups.											
14.	Exercising too much is called											

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	Worksheet - Lev A Guide To General W Directions: From the information included in t each statement with the best answ	Veight Lifting the article you read, comple	ete
1.	All weight lifting sessions should begin with	exerci	ises.
2.	Warm-up exercises reduce the chance of		
3.	The number of times that you perform an exercise wi	ithout resting is called	
4.	The number of times that you complete your reps is o	called a	·
	For a general weightlifting program, you should perfo)rm	sets of
6.	The easier phase of an exercise should be performed harder phase.	d	than the
7.	For a general weight lifting program, periods between minutes.	n sets should last about	
8.	During a weight lifting exercise, you should exhale du	uring the	phase.
9.	Holding your breath during an exercise can make you	u	·
10.	Excess places more	stress on your body.	
11.	The bench press is an exercise that involves a motion.	de	egree range of
12.	Muscles needing to perform more work than they are principle.	e used to is called the	
13.	To reduce the chance of injuries when training with w	veights, you should be sure t	o exercise
	muscle groups.		
14.	Exercising too much is called	·	
15.	Before starting a weight lifting program, you first need	d to determine your	
16.	strength is achieved b	by performing few reps with r	more weight.
17.	strength is achieved b	by performing more reps with	n less weight.
18.	The easier phase of an exercise is called the	pha	ISE.
19.	The harder phase of an exercise is called the	pha	ase.
20.	One physical benefit of weight lifting can include an in	ncrease in	mass.

A Guide To General Weight Lifting

Answer Key - Worksheets

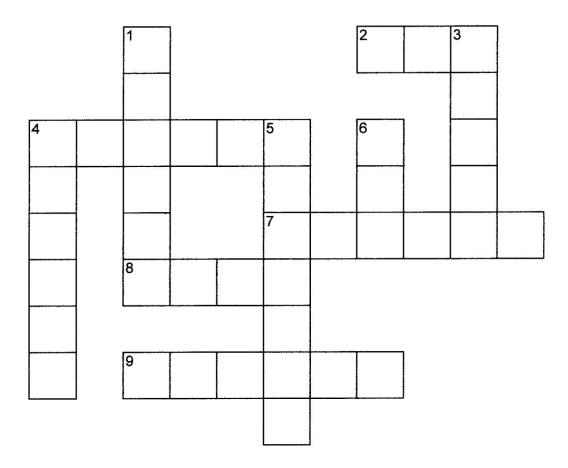
(Note: This solution applies to all three levels)

- 1. All weight lifting sessions should begin with warm-up exercises.
- 2. Warm-up exercises reduce the chance of injury.
- 3. The number of times that you perform an exercise without resting is called reps.
- 4. The number of times that you complete your reps is called a set.
- 5. For a general weightlifting program, you should perform three sets of each exercise.
- 6. The easier phase of an exercise should be performed **slower** than the harder phase.
- 7. For a general weight lifting program, periods between sets should last about two or three minutes.
- 8. During a weight lifting exercise, you should exhale during the harder phase.
- 9. Holding your breath during an exercise can make you pass out.
- 10. Excess weight places more stress on your body.
- 11. The bench press is an exercise that involves a **ninety** degree range of motion.
- 12. Muscles needing to perform more work than they are used to is called the **overload** principle.

13. To reduce the chance of injuries when training with weights, you should be sure to exercise **opposing** muscle groups.

- 14. Exercising too much is called **overtraining**.
- 15. Before starting a weight lifting program, you first need to determine your goals.
- 16.Absolute strength is achieved by performing few reps with more weight.
- 17.Dynamic strength is achieved by performing more reps with less weight.
- 18. The easier phase of an exercise is called the eccentric phase.
- 19. The harder phase of an exercise is called the **concentric** phase.
- 20. One physical benefit of weight lifting can include an increase in **bone** mass.

General Weight Lifting- Level One

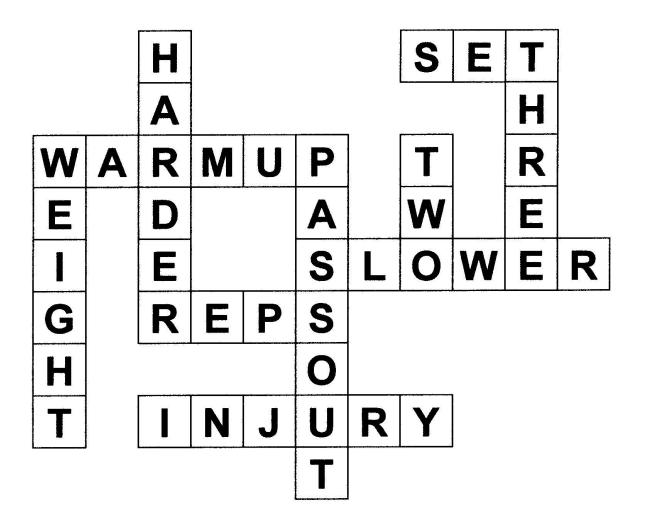


Across

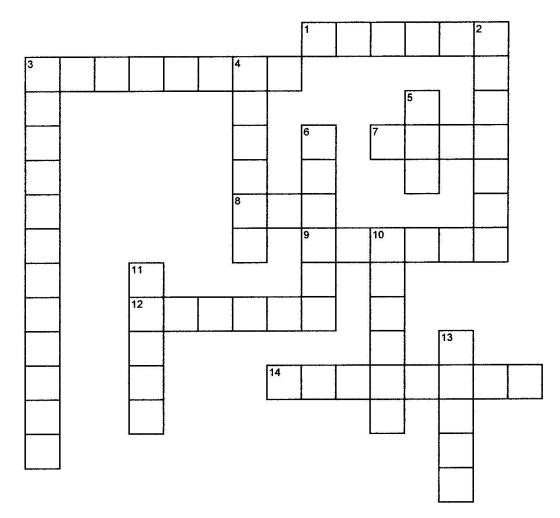
- 2 The number of times that you complete your reps is called a
- 4 All weight lifting sessions should begin with _____ exercises.
- 7 The easier phase of an exercise should be performed _____ than the harder phase.
- 8 The number of times that you perform an exercise without resting is called _____.
- **9** Warm-up exercises reduce the chance of _____.

Down

- During a weight lifting exercise, you should exhale during the _____ phase.
- 3 For a general weight lifting program, you should perform sets of each exercise.
- 4 Excess _____ places more stress on your body.
- 5 Holding your breath during an exercise can make you _____.
- 6 For a general weight lifting program, periods between sets should last about _____ minutes.



General Weight Lifting - Level Two

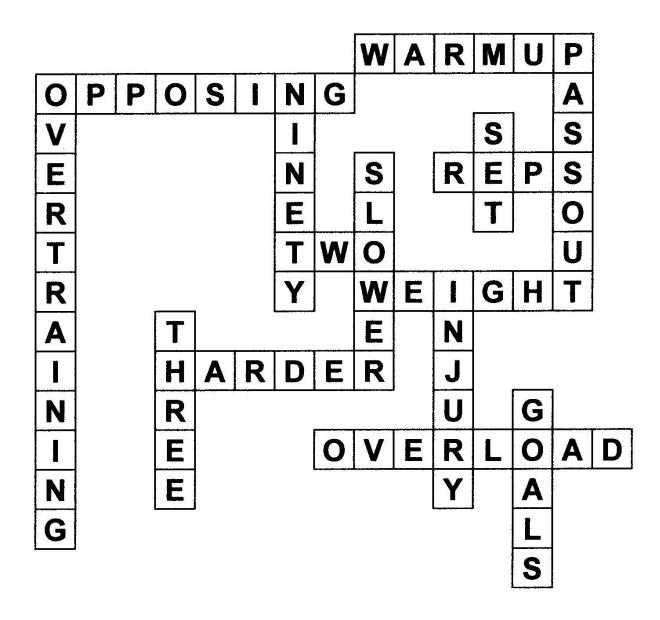


Across

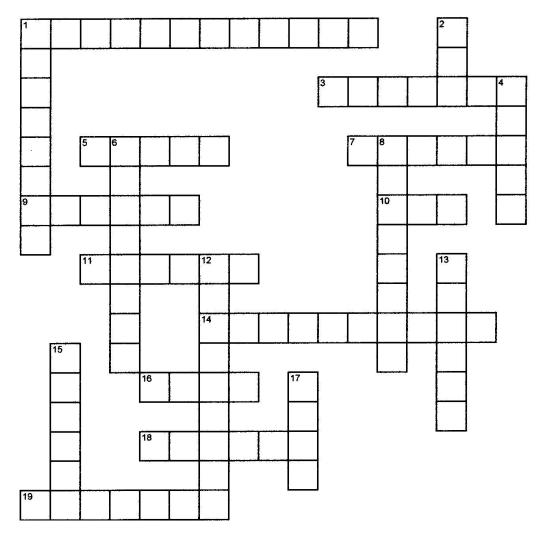
- 1 All weight lifting sessions should begin with _____ exercises.
- 3 To reduce the chance of injuries when training with weights, you should be sure to exercise _____ muscle groups.
- 7 The number of times that you perform an exercise without resting is called
- 8 For a general weight lifting program, periods between sets should last about _____ minutes.
- 9 Excess _____ places more stress on your body.
- 12 During a weight lifting exercise, you should exhale during the _____ phase.
- 14 Muscles needing to perform more work than they are used to is called the _____ principle.

Down

- 2 Holding your breath during an exercise can make you _____.
- 3 Exercising too much is called _____.
- 4 The bench press is an exercise that involves a _____ degree range of motion.
- 5 The number of times that you complete your reps is called a _____.
- 6 The easier phase of an exercise should be performed _____ than the harder phase.
- 10 Warm-up exercises reduce the chance of _____.
- 11 For a general weight lifting program, you should perform _____ sets of each exercise.
- **13** Before starting a weight lifting program, you first need to determine your _____.



General Weight Lifting - Level Three

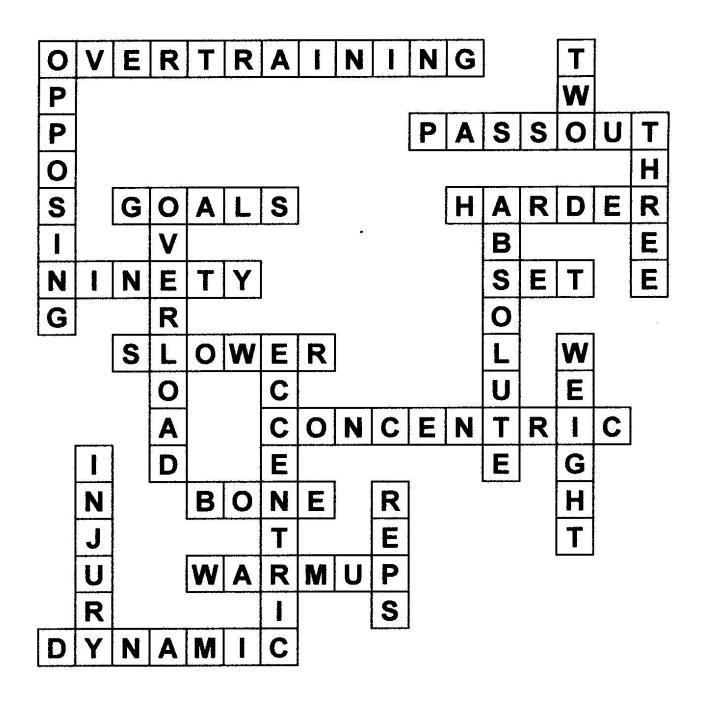


Across

- 1 Exercising too much is called _____
- Holding your breath during an exercise can make you _____.
- 5 Before starting a weight lifting program, you first need to determine your _____.
- 7 During a weight lifting exercise, you should exhale during the _____ phase.
- 9 The bench press is an exercise that involves a _____ degree range of motion.
- 10 The number of times that you complete your reps is called a _____.
- 11 The easier phase of an exercise should be performed _____ than the harder phase.
- 14 The harder phase of an exercise is called the _____ phase.
- 16 One physical benefit of weight lifting can include an increase in _____ mass.
- 18 All weight lifting sessions should begin with _____ exercises.
- **19** _____ strength is achieved by performing more reps with less weight.

Down

- 1 To reduce the chance of injuries when training with weights, you should be sure to exercise _____ muscle groups.
- 2 For a general weight lifting program, periods between sets should last about _____ minutes.
- 4 For a general weight lifting program, you should perform _____ sets of each exercise.
- 6 Muscles needing to perform more work than they are used to is called the _____ principle.
- 8 _____ strength is achieved by performing few reps with more weight.
- 12 The easier phase of an exercise is called the _____ phase.
- 13 Excess _____ places more stress on your body.
- 15 Warm-up exercises reduce the chance of
- 17 The number of times that you perform an exercise without resting is called _____.



General Weight Lifting - Level One

R R 1 O D В Μ В 0 N Ε Μ Α S S Ζ Т D С Ε S Т Ρ Ε Μ L P 0 W E D N W P R Ζ Ν F A Т G U Ε Х T K R D X R F С С Т R С Q K С F Ρ 0 V Ε R L 0 Α D Κ Q E E N I L J 0 P S G Т R D Y D U Μ В В Е L L Ρ 0 L N В С G Т J G N V R S Ε D E N Т Α R Y D L Ε Т I. N G Y Ζ Κ L L R J Ε S Κ С K 0 В Ε S E Q Q W R Μ Ζ R Μ Κ Л Z S С Μ U F W Ρ G С D Y N A Μ I. С V В Ρ Y F Z L G X Μ P N Μ Ρ Т E S Ε R Т R Α 1 N 1 N G Т F T Ν S L N Т Х Μ 0 K V G F Т Ν G J С R Ε P S R W Q Ζ Μ R Η W E L Η T L 1 I Т E N S ł Т Y F K D Х В Η M В M Y 0 S Т Т 1 Ν G Α L В S 0 Т E P В E S Т Y B R M Y W N F Y R L U 0 I P Α W Μ U S С L E Т 0 N Ε F Ν R J N N Μ Н J M R Y M L K Ν G Κ Ζ DM K 0 V Ε RW Ε I G Η Т N S Т R Ε Т С Η 1 Α Т V Ł Т Y Т V Н Q S Т R Α N R Ρ R L Y Q С I Y 1 D R Μ U P С С 0 Ν С Ε N Т R I С D N P H R Т W A K L L Т С G 0 Α Ł В 0 D Y F Α T X R F Т N Х С R R L L 1 L С E Μ R В Ε L L L С Н В Η Z С Ε R Ν K В Α N D U Α H R С С G R L V V L L E R С S E R N J U Y W Х E 1 X Т N W F Ε S E Н R E Ρ Ε T 1 Т 1 0 С Q Μ L Т Т Y L Х Y W D E Т C K Т С Ν S Ρ R A N WR Н N K Т R В 1 L Μ J S Ζ Т Μ В С V E Х 0 N W Е 1 G Н Т Μ L Т Μ Т Ν F L 1 Т S С L Ε Μ В Т R G Т D Y Х Х Ε N G H G MU R S Т R U R Ζ Т Q Q N YW Y Т Е С Η N 1 Q Ε V L K Ζ D P L С Ζ Y Μ Х Ε Т Е N S L 0 N С Ε В 1 Х Υ L Х R Α R 0 D R Μ В Т S Т R 0 N G В G Ε T R A Ĩ N L Ť Q N 0 V P R Т G R Ζ F BREA н 1 N N D Ľ H E Α L Т н Κ ΤM Н Q

Absolute Activity Aerobic Barbell Bodyfat Bonemass Breathing Concentric Diet Dieting Dumbbell Dynamic Eccentric Endurance Exercise Extension Fatigue Fit Fitness Flexion Goal Goals Health Injury Intensity Lifestyle Muscle Muscles Muscletone Obese Obesity Opposing Overload Overtrain Overtraining Overweight Power Repetition Reps Restperiod Sedentary Sprain Strain Strength Strong Stretching Technique Warmup Weights Weightlifting

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DCR S Т Ρ E R 0 DBMB 0 N E Μ Α S S L Т E Μ Ζ R D X P O W E R D R Ζ N (F A Т 1 G U E) X TK F N W P 0 Α DKQ С С E N R I CQ K 0 V R L E Т С F Ρ E J L G B В E L) (O Ρ Ρ 0 S N С G Т Т D U Μ В G R D J Υ L I Ν G Y Ζ κ L R N R (S E D E N Т Α R Y) (D 1 Е Т 1 L J V E S) K С K O В E S E) Q QWR M Ζ R Μ Κ J Ζ U S С L M C) V P Y F Ζ G Х Μ P N Μ F A Μ В L P W P GC D Y N 1 Ε S Х R A N N Т F Т N S) L Ν Т V E R 1 G 1 K Μ 0 Т 1 R H ₩ G GΗ Ν С R E P S R W E 1 T L 1 F Т J Q Ζ Μ I Х E Ν S Т Y) F K D В Н Μ В Y 0 A S Т Т (Ν Т 1 Μ G L R A В S 0 L U Т E) P 0 В E S 1 Т Y в R Μ Y Ρ W N F Υ S С E Т 0 N R J Ν Μ Н Μ W M U L E) F Ν N J KR Μ L Y W GK 0 R E G Н N S R E С Н 1 N Ζ D Μ Κ V E T) Т Т Н QS A N Q A С V Y) Т V Т R R R Y Y D Ρ L Т I Т R C Ρ н W Α R M U P С C 0 N C E N Т 1 D Ν L R K Т L 0 Α 0 Y Х R F T) N Х L С R Т С G L) (B D F A T) R L L R Α С EMKB Α R В Ε L L) L С Н В н Ζ С E N D U N н U Y) C E) R X (I Ν J R CGR L ۷ V L L W (E Х R С 1 S E 0 N W C QML 1 F Ε S E) E P Ε Т Т 1 Y R Х Н Y С W NWRH (D E K N Т N S P R A T) κ M Т J R С в 1 S Μ N W E G Н Ζ Т В Μ С L V Т Μ Т N (F L E Х 1 0 Т G H) G (M) U S С L E) M В Т R G Т D Y Х Х S Т R E Ν Т R Н Q U E) R Ζ Т Κ Q Q N Ζ W Y T E С N 1 V L L D Ρ L Y S ΥM Ν 0 N) CZ Х Y Х (E Х Т Е D R С A E R 0 в 1 L S R 0 N G V R A N Μ В Т Т G Ν 0 E R Т L P R Т Q В HKRZF ТМН(В A Η G N D R E Ν Q L H E A L Т т 1

General Weight Lifting - Level Two

к	F	Т	W	Ρ	В	R	Ε	Α	Т	Н	I	Ν	G	L	D	0	Ì	R	Ε	Ρ	Т	S	Е	R
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Ε	С	Ν	А	R	U	D	Ν	Ε	Ρ	U	Μ	R	Α	W	J	Y	R	U	J	Ν	l	Н	L	Q
Ζ	۷	Q	J	Х	F	I	Т	Ν	Ε	S	S	S	Т	R	0	Ν	G	Ν	۷	۷	Т	L	Ν	R
F	н	Ε	Α	L	Т	Н	Ρ	М	U	S	С	L	Е	Т	0	Ν	Е	Y	G	V	L	Μ	Ν	Ν
G	Q	Κ	W	Ε	ł	G	Н	Т	S	Ε	С	С	Ε	Ν	Т	R	I	С	J	G	G	Μ	F	R
L	В	R	R	Ν	Α	Е	R	0	В	I	С	G	Κ	W	Т	Е	С	Η	Ν	I	Q	U	Ε	К
В	Ε	L	Y	Т	S	Ε	F	I	L	Μ	Μ	G	Ν	Α	В	S	0	L	U	Т	Е	Μ	۷	G
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Т	W	Т	L	G	Ν	1	S	0	Ρ	Ρ	0	Х	J	D	D	Т	F	Α	Т	I	G	U	Ε	F
Т	Т	В	D	L	Н	В	Μ	Υ	В	Е	Х	Ε	R	С	1	S	Ε	G	Ζ	F	D	1	Ε	Т
F	L	М	Μ	R	G	Τ	D	Κ	L	Ρ	S	L	А	0	G	J	F	Μ	U	S	С	L	Ε	Ν
F	D	Κ	Х	G	0	А	L	Y	L	L	L	E	В	R	Α	В	W	Z	R	Μ	Ρ	D	R	Т
Ε	S	Ε	В	0	V	Ν	0	I	Т	I	Т	Ε	Ρ	Е	R	С	Ζ	Μ	W	В	Κ	В	Ρ	L
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Absolute Activity Aerobic Barbell Bodyfat Bonemass Breathing Concentric Diet Dieting Dumbbell Dynamic Eccentric Endurance Exercise Extension Fatigue Fit Fitness

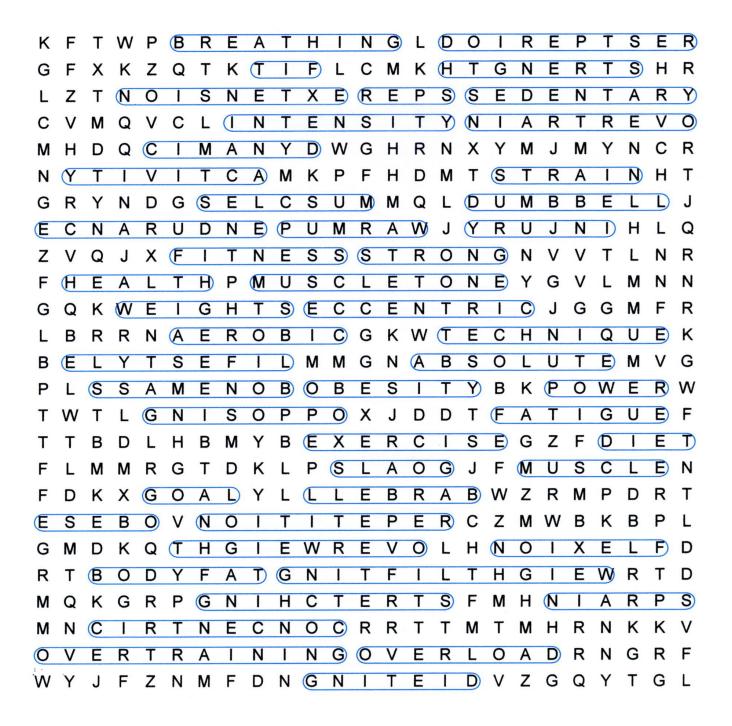
Flexion

Goal Goals Health Injury Intensity Lifestyle Muscle Muscles Muscletone Obese Obesity Opposing Overload Overtrain Overtraining Overweight Power Repetition Reps Restperiod Sedentary Sprain Strain Strength Strong Stretching Technique Warmup Weights Weightlifting

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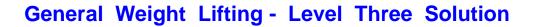


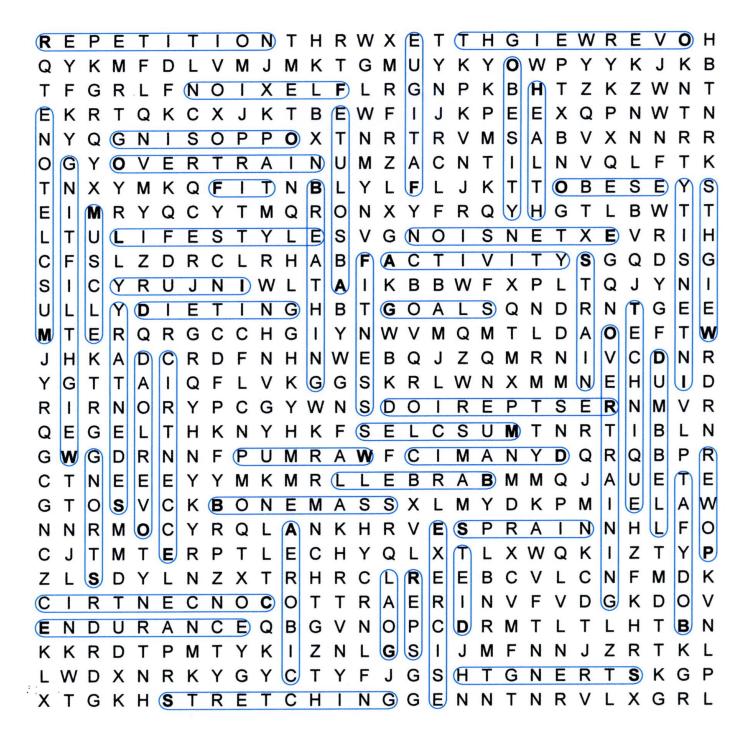
General Weight Lifting - Level Three

HRWXE Т THG E WR E Н E E N I V \cap R P Т Т 1 0 Т I U KYOW P Κ B Μ J Μ K TGM Y Y Y J K K M F D L Q Y V F N Х Ε L F L RG N Ρ Κ В H Т Ζ Κ ΖW Ν Т Т F G R 0 1 L P Q P Т N R Т Q K С Х J K Т В Ε W F 1 J K E Ε Х Ν W E K S В Х R R Y Q G N S 0 P P 0 X Т N R Т R V Μ Α V N N Ν T Ζ 0 E Α Ν U Μ A С N Т 1 L N V Q F Т K 0 G Y V R T R 1 S S F Т 0 В E Ε K Q F Т N В Y L L J K Т Т N Х YM L L Т QR F Т Т С 0 N X R Q Y Η G B W Μ R Q T M Y E Y Y Ε R H S E S G 0 S Ν Ε T Х V Τ U F E Т Y L V N I L L BF С T Т S G Q D S G F S Ζ R С R Н A Α 1 V Y C L D L Т K В В W F X P L Т 0 J Y N 1 C R U J W Α I S Y N I L 1 E Y D ł E Т L Ν G Η В Т G 0 A L S Q N D R N Т G E U L L D A T W G NWVM QM Т 0 E F Т E R Q R G C С Н Y L Μ Ζ R HNW E B Q QM RN 1 V С D N A D С R D F N J J н Κ D G GS K R W N X M Ν E Н U Т A Q F L V K L M Y G Т 1 S S E R R YWN D 0 L R Ε P Т Μ R 0 R P C G N V R N Y С S R B H F S Ε L U M Т N Т N Ε G E Т Н K N Y K L Q F С Q R B P R MRAW MA Y D Q G WG D R Ν N F P U Ν E E E MK M R L L Έ В R Α В Μ Μ Q J A U Ε Т Ε Т Ν Y Y C S S P M E W T S C K В 0 N Ε MA Х L Μ Y D K 1 L Α 0 V G Α E S Ρ 0 N Ν R M 0 С Y R Q L NKH R V R Α N N H L F С Q Т XWQ Κ Ζ Т Ρ Ε H Y L Х L 1 С J Т M Т E R P Т L Ε Ε В С C K Ζ R L R V L N F Μ D Ζ S N Х T Η R C L D Y L TRA Ε R N F V D G K D 0 V С 0 С 0 Т 1 V С 1 R Т N E Ν 0 Ρ С Т Т B N С Q В G N D R M Т L Η R Α Ν E V L E Ν D U Ζ G S J М F N N J Ζ R Т K L M Т Y K I. N L 1 R D Т P K K Т G P Y С Т Y F J G S Н Т G Ε R S Κ W D X N R G N L K Y TGKHSTRETCHINGGENNTNRV LXGRL X

Absolute Activity Aerobic Barbell Bodyfat Bonemass Breathing Concentric Diet Dieting Dumbbell Dynamic Eccentric Endurance Exercise Extension Fatigue Fit Fitness Flexion Goal Goals Health Injury Intensity Lifestyle Muscle Muscles Muscletone Obese Obesity Opposing Overload Overtrain Overtraining Overweight Power Repetition Reps Restperiod Sedentary Sprain Strain Strength Strong Stretching Technique Warmup Weights Weightlifting

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General Weight Lifting - Level Four

LNLYVBNRMJMLQVNMGNGLY RQ VNG F Т QM ZM B G MM 0 GΥ P K Т J н B Μ N K Μ 0 KR C ĸ 0 L A Y R T Q Η NC VG V ΥG N Н N Н L Ζ Т G F 1 В R N D V Х S Ζ Ε Т Ρ Ζ Q Ζ YWR P Т Т S Н Т Ν ХХ J D 0 Х M L M Т Ζ Ε P В N D Т N 0 N M P Ρ R A Н M N Ł B Т KWAW K K E R T T L Т Х R Ν K Т С G F Y Α E V N В Ε L Μ L G V D WQKC E D Ν F J Α DWR S E D L N N F P Ζ Y Т 0 T Т L X S E Ε N U T L Z A W K Ζ V R D F D Κ L Q M Y 1 K T L L Ε Ε S В P N T D 0 R Т R N L Α R D K Q Т Μ Μ W 1 J 0 Т Ν F КΒ R ZX Q 0 ΟΜ K т W М Α H M W V Ν M C B V E V L Ε Q E F D R S D R Х T Ν В R V A 1 K Έ L N С V V Ζ G P 1 Μ S R Т Ρ E Y X Ν В U R Ρ С J Μ D 0 X Т E Т Y Y K D L M Т Ζ G R С R Т Η K D G В G Т С D F С G Т F E Х R Т Y R I L В Ε Ε C Μ D R L R T N Κ Μ K Ρ E Ε Q Т С E U L Ν 1 R V Μ Ζ Х M Т В С Т J Н Т Κ Т Т Α Q L Н Т Ζ Х Х Т R T Ν N Α L С J S С C A S В H G 0 R L N J P T Α 1 S R Т С Ν Μ R G L F Т Κ Ε ΨU K Ν L K С Т R Т Т Q N 1 Т Ε L H Т N Ν 0 A T E G Ζ R S G M Ε N Н E E N Y L 1 L A L Μ R S G E Н 1 T T E N D Ε N T H С С T R N M K G Ε R P K Ε N N Т N Q L V L Т F Т P C IWV 0 Μ С E G С Т L Ν D L S 0 M G Т Ν M U 1 Ζ Т P E S S J Ε В I F Α P Т U N Ε T Ε U 1 G R U U 1 B L S F R Т M F P Т В С 0 С N 0 S R U G B 0 W L L L L R D 1 С Ρ Q R S ΥO S С Т R С Т E S A B E Т K M Т Ζ Т M Μ V L S S Ζ Ε Т P E Т R Κ N R H F V M C Н P Т Ε K E 1 H N Q N S Т R Т G R Т С W J G Q J Q V R 0 B V Ρ W Μ 0 Х N D Y L Α С V E Y P Ε Т S Ζ R F D Т 00 Ν 1 D N J LW Η Т Y Α F S Μ Ρ Μ Ζ N M Ε T Ζ QL Q Ζ P D E R Т Т Т L L B M L M JYTSYP W V Q Q H V N W L C W R L K W M J QΖ EQG

Absolute Activity Aerobic Barbell Bodyfat Bonemass Breathing Concentric Diet Dieting Dumbbell Dynamic Eccentric Endurance Exercise Extension Fatigue Fit Fitness Flexion Goal Goals Health Injury Intensity Lifestyle Muscle Muscles Muscletone Obese

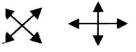
Obesity Opposing Overload Overtrain Overtraining Overweight Power Repetition Reps Restperiod Sedentary Sprain Strain Strength Strong Stretching Technique Warmup Weights Weightlifting

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F V N G T L (N L (Y V B (N R M J M L Q V N M G N G L Y R Q C K O L G M M O G Y P Q M Z M K T B HBMNKMOKR J GVYGNHNHL QHNC Ζ TGVF В Y R V ND 1 Γ R A XPZQMZ LXYWRP S N X J S Z D E O Т H Х Μ T) Т MP L H M N/B N PP В Т KWAWDT NO N Т 7 E R A L Κ V RV TXR NK N E B E C ML G Т Κ Т С G F Y. A E Т D D W R S E N F P Z Т 0 I WQKC T E D N F) A) D Ν N/UXI ZXAXW K E F D/K/L Q MS K ΖV R D Y Х E L TMEESBM PWN **O** R T T R/N ARDKQ D \mathbf{O} Ν X/H/M W/V/N M Q F 0 K B R Ζ E ΟΜΚΤΨΜ С B A R/SDMRX N/B/R K/E/E F DQ P 1 L C V/ V Z G 1 Т A Ν P Y NXB/U R M D K D Т P E Х С J Μ 0 Т Х Т (S R E) Y L R H K D G/B Z GRC R T) G С D F С G Т F E R EXN C D ĒĹ Μ R ΚM U R Т В N P E R V ΚM E Ω т С E K ΗZ ТХМ N T Т Ζ XX R Т B С T N J Т Α Q L Т P C N/M R GL T С J S G 0 R J R С С (A) S B Ή N S K K QF W U N K E N N 0 т E Т N С Т R T M/G M N E Y E G Ζ R S GE E (H)E N L R S Η N/D Ê T С R NMK N/N/ G E R P E H С Q K N (E N Т P W 0 TNM U O/M E G С N D S M Т G T С C U $\langle N \rangle$ E G R Т S ×S B P T B E E E Ρ N 0 M/F P S R/U G BO W В С Ο С F R R S т Ĺ D RS S) E ΚM M νz P Q Y \mathbf{O} C R C S B Т Т C Т M L QNRHFVMCHP E S R K N K (E Z S N T G Q J Q V R O B V P/W/M/G/O Х R S С R YWJL Т Т N D T LWZHIYRA F 0 O/N С D P E) T S A D Т J ZQLQZPD MLZ MBMNLMEXI F F R Т Т S M P Ŵ Ý Q Q H V N W L C W R L K W M J EQG PQ JY Т (S Z Y

General Weight Lifting - Level Five



KLONL M FWK C HDMY Т S E B 0 Z D KBS Ν N Т Т K R P Y С W D V P Н T Α E Н L Н M Α Ē R 0 B L Μ Μ D Y D J Μ R Т Ε R D L P D L N D N Ν Κ Η Ρ K Х M N D С F E Η U 0 F Т 0 Q Η Q Κ K J R M G В Μ 1 Q Y В L 0 Κ Т Т Μ R F C S N W XW Т K A W N Y G N Η W F F M M L J Т U Q S R Т D R Μ I G G Ν 1 H Т Α Ε R B E Y Q G L Κ L F P Ζ T Т Q R I S Т U D Q Y L T Т M Т Ν Т Ζ N M Ε N N Ζ F Ζ Н С E P F Т Т T K D U R X S R V L A R G K I J 1 Ζ A Т ΤW С U F Ν Т R M D Μ N R L н Μ Т S E Т S J I L E В R E D U Μ В В Ε L L R J N Т Т F С D Т Ν 0 V X N Т N E S S С С W S E Т R F Μ 1 L N С G F N J J Y 1 E U Ζ Ρ R F N F E Т С С Α Μ R Y N E Х 0 R K 0 T D T L E L ΚD В WΖ Μ W J G T B 0 Κ Τ R Т С 1 M 0 Т Κ X Α В D N Μ U S С L Ε V R Q Μ P 0 С N C G L Ε Т F Η V S Η 0 Т 1 С Т G E H M S E K L Μ Y Q L Q N Ν B G Т С Н N 1 N V Ν С D Т Т E P Ε R L E F ľ Q Т N 0 I K Α I. E R E G L T I Y Q Μ G N Α S Т F Q С K Μ R V A F R R V С E K L Y S K Α J S R Т Н G R Ν С N Ν E Т U Q D Ε K Μ R Т W Μ Y Α D В WYWR F G Y Ρ В R S I Х E Q Т N H G R Η S E Y F A С В S S Т Μ D R Q R Т G Т 0 Ζ R 0 E D R J A 0 N J В L Т F Ζ P E E Ζ P D 0 Μ U Ε E N R 1 V L F L N Y E P R Α Ζ P J Ρ L L V E W G Ν P R В L D D Т I Ν L 1 L R L R W NW Ζ 0 С W R Т S S Ε K Н J D K Т L Н P W Μ R E A Y L С P E Η R ΚV Н Μ Η J L K F Μ Т A R D 1 H Ν Ν N Т P L Т P A В R E S Т P E R ŧ. 0 D M V R G Х С 0 Т I L G K W S С Т R E S С R Ε Х E С Q 0 Т Ε R Т Μ Y Υ T G N Н С ZΒ LWZWOVERTRA I N ING КНGDХG P K Т

Absolute Activity Aerobic Barbell Bodyfat Bonemass Breathing Concentric Diet Dieting Dumbbell Dynamic Eccentric Endurance Exercise Extension Fatigue Fit Fitness Flexion Goal Goals Health Injury Intensity Lifestyle Muscle Muscles Muscletone Obese Obesity Opposing Overload Overtrain Overtraining Overweight Power Repetition Reps Restperiod Sedentary Sprain Strain Strength Strong Stretching Technique Warmup Weights Weightlifting

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K L O N L M N N F W K CHDM(Y S E В 0 Ζ DКΒ S Т I A ER 0 В C) W D V Т P Т KR Ρ Y H А E H L M н Μ P J R N D NNK н Ρ K X M/N D Т E R D L Μ D D Y D Μ L Μ С F E Н 0 F Т 0 Q Κ Κ J R Y В G 0 K В Μ 1 U Q Н Q L S W/N R N нwт Μ W F F M M Κ A Y G N F (C XW T Т G S R 1 G G NI Η Т A E R B Е Т Y Q L K Q R D Μ Т Т F Ζ S U Т Μ N R P Z Q 1 N D Q Y L Т Т Т N M E N Ζ P F R Т G Ζ Т Κ D Н R S R E F Α K T 1 J 1 U Х С V L Z W C U F Ν Т RMDM N R L Н Μ Т S S J Т E Т Т В В Т R F UM В E D R E Ν N Т С Т N 0 D J D Y С W R N S S M G S F E C Е U 1 L N C (F) (N) E) T I Т Ζ Ρ R F N Т Е X 0 E С С M D R Y N F Т A (E/ R K 0 Т L L В Ζ J G Т 0 K С M Κ D W Μ W B N Т κ Х R 0 Т А Β D S Q P С I S Т G L M U С E) R Μ 0 N C н 0 F L V N K Μ Y С L G Q N N E Н Μ В N L Q Т V G Т С S N Ή С D 0 E Ρ E R) L F 1 Q K 1 N Т E E (E G Т R K E K R A F R R Y V Q/M G Ν Α С S Т S K F С Μ A R E Т Έ K G M R R N С N N S н W D Μ C D Т Y P B W F Y G R S Q N H G F R S E B Υ R 0 Ζ S M D R Q R Т G I В 0 Ê R Ο N С J B R S D Т P E R E M F Ζ I V P 7 P A D 0 Т E Έ N F R V Е W Ζ P P 1 W R R G N P R B D D Т J N L L D/K Ζ R S K н Y W н C W S Т N L 0 W P Μ R E Т A E J С N N P E K F R N H R V H MH Т D Н Т Ρ K J L Μ A D L ٧ P Ρ R 0 DM KWRGX 0 Т L Α B R/E S E G C Т T S С R E Х E ER SC R С Q 0 С Т Μ Y Y Œ G N Н Т GKHGD XG LWZWO Ε R R A Ν N V Т 1 РКТ Ζ В

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Teacher Lesson Plan

A Guide To General Weight Lifting

For health classes, for rainy gym days, for substitute teachers, and even for study hall students who say that they have nothing to do

Directions

- Print enough copies of the article so that all of the students in the class have their own copy.
- Each Worksheet is arranged so that the questions are in the same order as the information presented in the article. Select the Worksheet level that is most appropriate for your students and then print enough copies so that all of the students in the class have their own copy.
- If having the questions in the same order as the information presented in the article is too easy for your group of students, you can substitute one of the Test-Review Questions levels for the Worksheet.
- After completing one of the above-mentioned tasks, have the students complete one of the crossword puzzles, one of the word search puzzles, or both puzzles.
- If any of the above-mentioned choices is too difficult for your particular group of students, another option is to allow two students to work together on one of these tasks.
- NOTE: Feedback from teachers already using these resources state that staff members really like receiving the health and wellness articles if they are accompanied by a crossword puzzle. For members of the staff, the Level Three crossword puzzle is recommended.