Complete the following in the space and manner indicated. Have your teacher check and initial where indicated.  
**P1**

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1. a) What species of fish is the video “Preventing a Hostile Takeover” about?  
     
   b) Where did this take place?
2. c) How did they get in that river?

**P2**

1. Create a survey which would provide biologists the following information. Present your answers in the form of an actual survey which could be given to a fisherman. This survey will be used as part of a future assignment.  
   What is the main target species of fishermen on the lake?  
   What species is the most common incidental catch?  
   How much time is spent angling for each fish caught?  
   How much time do children and seniors spend fishing?  
   How much money does fishing bring into the local economy? Provincial economy?  
   How many fish are released for each fish kept?
2. a) What is electrofishing?  
     
     
     
   b) Why is it done at night?
3. a) How large are the nets used in gill net surveys?  
     
   b) What happens to species that aren’t targeted?
4. a) What do you think happens to the fish after they have gone through their testing?   
     
     
   b) How can you find out?  
     
     
   c) Find out. What actually happens?
5. What health concerns accompany eating too much fish with mercury in it?  
     
     
    Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initial: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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1. Fish need water and oxygen to survive. What are three other things that fish need to survive and create a sustainable population?
2. Fish are cold blooded creatures which get their warmth from the water. What is another cold blooded creature which gets its warmth from the water?

**P4**

1. Is the Alberta wildlife management strategy to conserve or preserve? How can you tell?
2. If conservation means using a resource, but limiting the use of it, what is the best way to support and monitor in as far as fishing is concerned?
3. What term is used to describe the replacing of fish in a water body which has either suffered winterkill, or didn’t have any fish life in it to begin with?
4. What are the three types of fishing the government deals with?  
     
     
     
    Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initial: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**P5 – These questions are answered using your copy of the Alberta Fishing Regulations.**

1. How much does a license cost for an Alberta resident that is 58 years old?
2. What is a WIN card?
3. a) Do you require a special license for bow fishing?  
     
     
   b) Is bow fishing done under water?
4. What kind of fishing license do you need to fish in Jasper National Park?
5. How many northern pike can you keep in one day?
6. Can you take a fish you caught legally and trade it for goods at a store?
7. Why do you suppose the use of live bait fish is not allowed in Alberta?
8. If you catch a fish that is long enough to keep and you want to take it home to eat, how must it be transported?
9. What is a gaff?
10. If you catch a crayfish in Alberta, can you eat it?
11. In the Northern Boreal Zone 3, how much fish taken from Moose Lake should an adult eat?
12. How many lines can you fish with when fishing open waters?
13. If you accidentally catch a fish by hooking it in the back, can you keep it?
14. If someone catches a fish and gives it to you to take home for them, what do you need?
15. If you are on a lake that fire fighting water bombers use for refilling and you see one coming in to land on the lake, what should you do?

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1. In Watershed Unit ES2, what is the maximum number of fish you can take home from the Dickson Trout Pond in one day?
2. If you are fishing in Watershed Unit PP2 at Gull Lake on March 2, how many whitefish can you keep?
3. If you are fishing in Unit NB1 and you catch a walleye in Long Lake, how can you keep it?
4. How big is the largest lake trout ever caught in Alberta?
5. a) If you catch a fish that has been tagged, can you keep it?

b) What information do you need to keep from your tagged fish and what do you do with it?  
  
  
  
  
c) What is the phone number for the Lac La Biche Fish and Wildlife District Office?  
  
 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initial: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P6**

Your assignment for fish identification is to complete the attached species identification sheets for eight species of fish, of which no more than four can be trout. It will be easiest to complete the sheets electronically, but you can do them by hand if your instructor permits. Harvest information and special consideration refer to any limits that may apply to that species, or any specific way that the fish must be handled or treated. Use point form for your information and include the source(s) of your information in the special considerations space – just print them in *italics*.

Be an Expert

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Select one Alberta game fish and become an expert on it. Write a two page report - which can be in point form – and include the same information found in the species identification sheet, just in greater detail. Also include information about spawning habits, and preferred angling techniques for catching this fish. You will be presenting the information about your fish to your classmates and they will be expected to ask you questions about your information. Create a power point presentation to accompany your presentation, but do not put any words on the presentation. You should become familiar enough with the species to look at the picture and be able to speak about it. This project will be marked with the Expert Rubric.

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initial: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P7**

1. Why are barbless hooks mandatory in Alberta?
2. Explain the difference between a lure and a fly.
3. There are many things that a person should have in their tackle box besides hooks and lures. Develop a list of equipment that you would have in your tackle box if you were going to be fishing from the shore during the summer. Attach the list to this workbook.
4. There are many things besides your fishing rod and reel, and tackle box that you should take with you on a fishing adventure, as well as certain things you should pay attention to when you get dressed for fishing. List all of the things you would need for a day of fishing on a frozen lake, including your clothing.
5. How was the type of fishing lure called a “spoon” invented? You will need to research it on the internet or in a history book on fishing lures.
6. Define or describe the following types of lures and tackle  
   a) crankbait  
     
   b) spinner

c) jig

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c) bobber

d) pickerel rig

e)bottom bouncer  
  
f)tip up

1. There are thousands of different fishing lures available. Take a look at a catalog, online, or in a tackle box and see the variety of lures, the sizes, the shapes and colors and the materials used. Design your own fishing lure. Draw a picture of it, label the parts and what they are supposed to do or represent, and give it a name. Attach this to this workbook.  
    Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initial: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P8**

1. a) The video of the fellow catching the fish through the ice gives a good representation of the excitement that you can experience while ice fishing. How would you describe the ice that he was fishing through?  
     
   b) What equipment did you see him using?  
     
   c) What kind of fish was it?  
     
   d) Why did he put it back?

**P9**

1. The video on fly fishing gives some history from the English perspective. How do you think fishing in another country would be different than fishing in Alberta?

**P10**

1. Why would someone want to get a fish mounted?
2. If a person doesn’t like eating fish, why do you think they still may enjoy fishing?

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1. There are many recipes for fish. Some are very simple – fish and lemons, wrapped in tinfoil, baked in a fire or oven – and some very complex and involving several days of preparation. Find a recipe for a fish dish that you haven’t tried, but sounds like it might be good. If you don’t like eating fish, look for one that uses a strange cooking method. Copy out the recipe and explain why you think it would be interesting.
2. Find the process for cleaning a burbot. List it in point form.

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initial: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**P11**

1. Once you get on the ice, what is the most dangerous part of ice fishing?
2. How long does it take you to get hypothermia if you go through the ice?
3. What is the safe thickness of ice for:  
   a) walking on  
     
   b)driving on

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***Occupational Connection Worksheet***

Complete an Occupational Connection Sheet for this module. The purpose of the worksheet is to develop an understanding of how the activities undertaken in this module may be connected to an occupation. Your research may come from several sources. A speaker may come to your class to talk about the role of fishing or fisheries in their occupation. You may chose to research the Alberta Learning Information Service ([www.alis.alberta.ca](http://www.alis.alberta.ca)) or any other Canadian information service. The role fishing takes in the occupation may be direct and obvious, or it may be indirect or just a small component of. When you finish your Occupational Connection Worksheet, go over it with your instructor and have them initial your activity sheet.

/156