

Helicopters that help

Worksheet 1: Phonics

Name: _____ Date: _____

The sound /or/ can be spelt 'au'.

1. Read the following words out loud:

astronaut haul launch haunt August

2. Write the words in a list below and read them to a friend.

_____	_____
_____	_____

3. Draw a line to match each word to its definition.

astronaut	carry a heavy thing
haul	a month of the year
launch	a ghost in a house
haunt	person who goes into space
August	zoom up into the air

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Worksheet 1: Phonics - continued

Name: _____ Date: _____

Sentence completion

4. Complete these sentences in your own words. You can look at the book for help if you need to.

Astronauts went to the moon _____ .

Helicopters are used to haul different things. They are useful for this job because

The United States launched a rocket to the moon. Helicopter 66 helped by

The long vowel sound /oo/ as in moon can be spelt 'ou'.

5. Read the following words out loud:

you wounded group toucan

6. Write the words in a list below and highlight the /oo/ sound.

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Worksheet 1: Phonics - continued

Name: _____ Date: _____

7. Fill in the table below by writing definitions for the words.

Word	Definition
group	
wounded	

8. Choose one of the words and write a sentence with that word.

9. Read your sentence out to a partner. Ask them to write your sentence down. Together, check your and your partner's spelling and punctuation to make sure the sentence is writtenly correct.

Your partner can then read you their sentence. You write the sentence. Together, check the sentences for accuracy.

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Worksheet 2: Comprehension

Name: _____ Date: _____

Answer the questions about *Helicopters that help*.

Night flying

1. What 3 colours are lights on a helicopter?

Air ambulance

2. What letter is painted on hospital rooftops to guide helicopter pilots when they are landing?

3. What are 2 advantages of an air ambulance over a regular ambulance?

a. _____

b. _____

Air support helicopters

4. What do air support helicopters use to help them track people?

Fire department helicopters

5. What special training do fire department helicopter crews have?

Helicopters at sea

6. How do the crew evacuate people from boats?

7. How do the pilots avoid bad weather?

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Worksheet 2: Comprehension - continued

Name: _____ Date: _____

Mountain helicopters

8. Name two risks when flying a helicopter in the mountains.

a. _____

b. _____

Army helicopters

9. Name 2 jobs army helicopters do during conflicts.

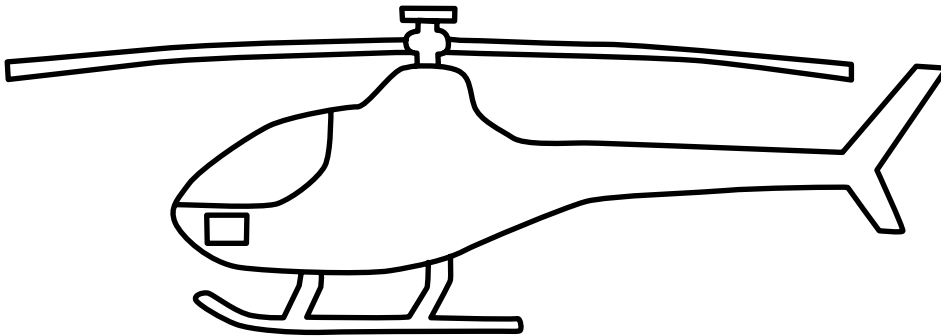
a. _____

b. _____

Helicopter colours

10. Colour in each of these helicopters in a correct colour to reflect the job they do (more than one colour may be correct). Write a sentence describing the work that each one does.

a. An ambulance helicopter

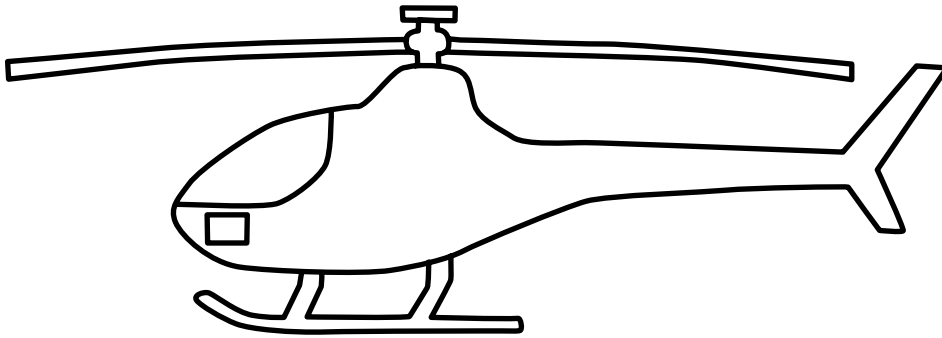


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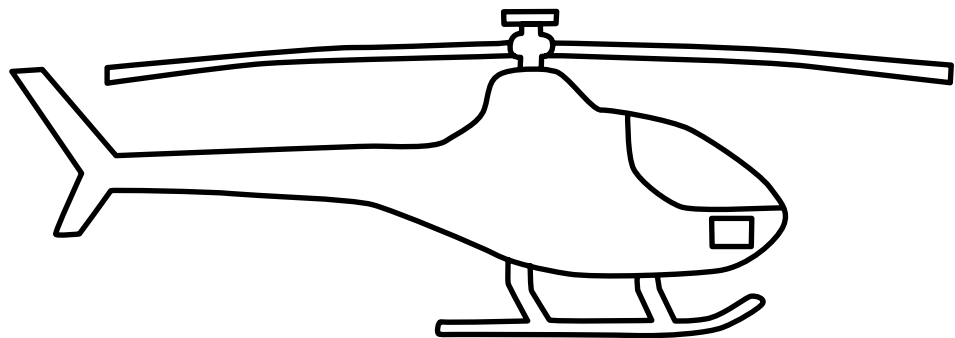
Worksheet 2: Comprehension - continued

Name: _____ Date: _____

b. A fire department helicopter



c. A power lines helicopter

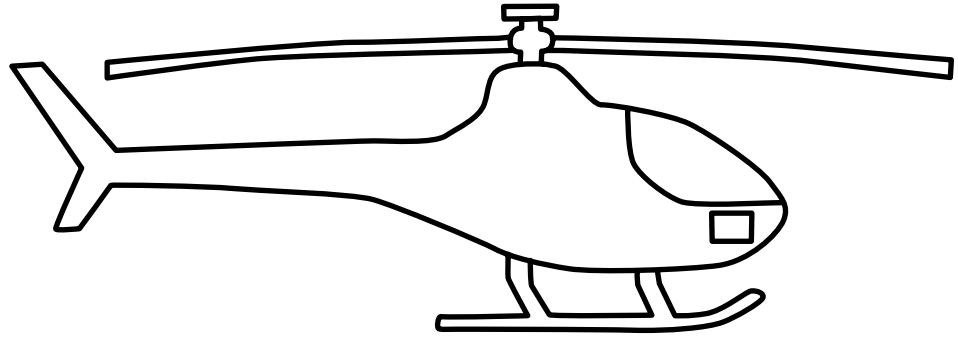


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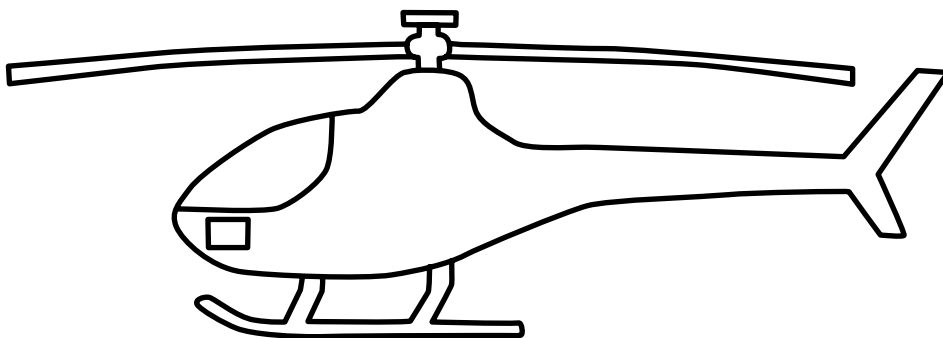
Worksheet 2: Comprehension - continued

Name: _____ Date: _____

d. An army helicopter



e. A wildfire fighting helicopter



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Worksheet 3: Engineering

Name: _____ Date: _____

Make a simple hand crank winch

1. A winch is a useful machine to do heavy lifting for us. It is used on a helicopter to lift people to safety and to load and unload equipment.

You will need

2 cardboard tubes

Spool (cotton reel) (if possible)

Straw

String (about 35cm)

Tape

Scissors

Small basket/box lid or other object to attach to the string



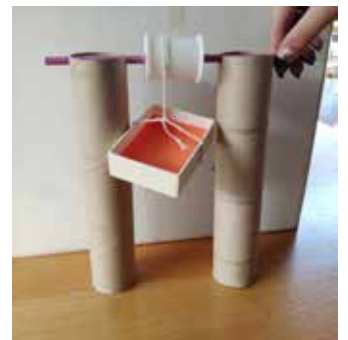
a. Cut 2 slots at the top of each cardboard tube just big enough for the straw to rest in and be able to spin.



b. If you have a cotton reel, slide it onto the straw. Tape it to the straw so it doesn't spin around.

c. Tape one end of the string to the spool, or directly onto the straw if you don't have a spool. Tie the basket/box lid to the other end of the string.

d. Rest the straw in the slots of both tubes. Tape the 2 cardboard tubes (standing upwards) to a table.



e. Turn the straw to test your winch. Can you raise and lower it?

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Worksheet 3: Engineering - continued

Name: _____ Date: _____

2. Draw a diagram of your winch below or take a photo and stick it on the page.

Your hand crank winch

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Worksheet 4: Word Work - Vocabulary

Name: _____ Date: _____

To help understanding of some words in the text that might be new to you, work through the following activities for each of these words with a partner.

incidents **evacuate** **communicate** **hover** **combat**

Then you can each choose another word from the text that you'd like to explore and go through the activities with those words, too.

I. incidents

Definition:

Incidents are events that catch our attention because they're a bit different from usual day-to-day events. In the story, air ambulances fly to **incidents** such as road traffic accidents.

Which one of these is an 'incident'? Circle your answer.

- Falling off your bike
- Making your bed

Tell your partner the meaning of 'incidents' in your own words.

Write a sentence containing 'incident'.

Write another word that means something similar to 'incident'.

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Worksheet 4: Word Work - Vocabulary - continued

Name: _____ Date: _____

2. evacuate

Definition:

To leave a place quickly to get away from danger, and go to a safer spot. In the book, they use ropes and winches to **evacuate** people from ships.

In which one of these situations would you need to evacuate? Circle your answer.

- Flood waters are rising around your house
- Friends are coming to visit

Tell your partner the meaning of 'evacuate' in your own words.

Write a sentence containing 'evacuate'.

Write another word that means something similar to 'evacuate'.

3. communicate

Definition:

To make contact with someone else to give information. A helicopter crew will **communicate** with crew on the ground to tell them what they can see.

In which one of these situations are two people communicating? Circle your answer.

- I go for a walk and think about who I'll invite to my party.
- I ring up my friend and ask them to meet me at the park at 3 o'clock.

Tell your partner the meaning of 'communicate' in your own words.

Write a sentence containing 'communicate'.

Write another word that means something similar to 'communicate'.

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Worksheet 4: Word Work - Vocabulary - continued

Name: _____ Date: _____

4. hover

Definition:

To stay in one place in the air. A helicopter will **hover** above a boat in a storm to give the crew time to save the people on the boat.

In which one of these situations will a helicopter need to hover? Circle your answer.

- On a mountainside in order to winch an injured climber aboard
- When flying crew to a forest fire

Tell your partner the meaning of 'hover' in your own words.

Write a sentence containing 'hover'.

Write another word that means something similar to 'hover'.

5. combat

Definition:

A battle. Fighters are involved in **combat** against their enemy.

Which of these involves combat? Circle your answer.

- Two different countries at war with each other
- A shark at a nearby beach

Tell your partner the meaning of 'combat' in your own words.

Write a sentence containing 'combat'.

Write another word that means something similar to 'combat'.

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Worksheet 4: Word Work - Vocabulary - continued

Name: _____ Date: _____

6. Your choice of word: _____

Look in the book and find the word. Read the sentence with the word. Discuss with your partner to find out what the word means. Write the definition here:

Tell your partner the meaning of your word.

Write a sentence containing your word.

Write another word that means something similar to your word.

7. Your partner's choice of word: _____

Look in the book and find the word. Read the sentence with the word. Discuss with your partner to find out what the word means. Write the definition here:

Your partner will tell you the meaning of the word.

Write a sentence containing the word.

Write another word that means something similar to the word.