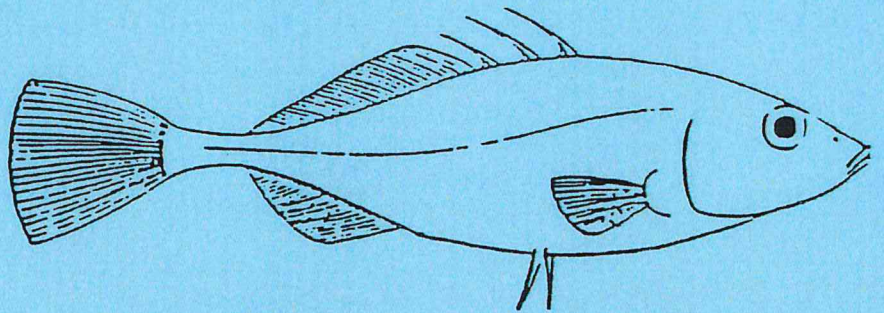


P.S.

PS/

Name _____

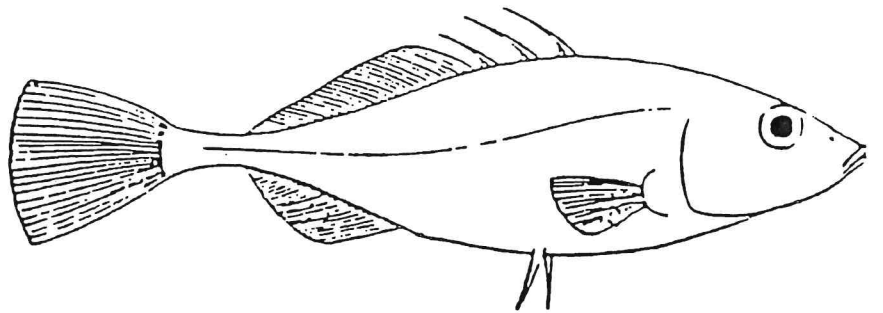
Teacher Evaluation
Copy.



God - The Caring Protector

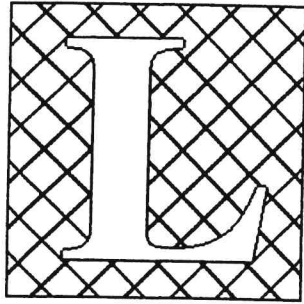


Name _____



God - The Caring Protector

“



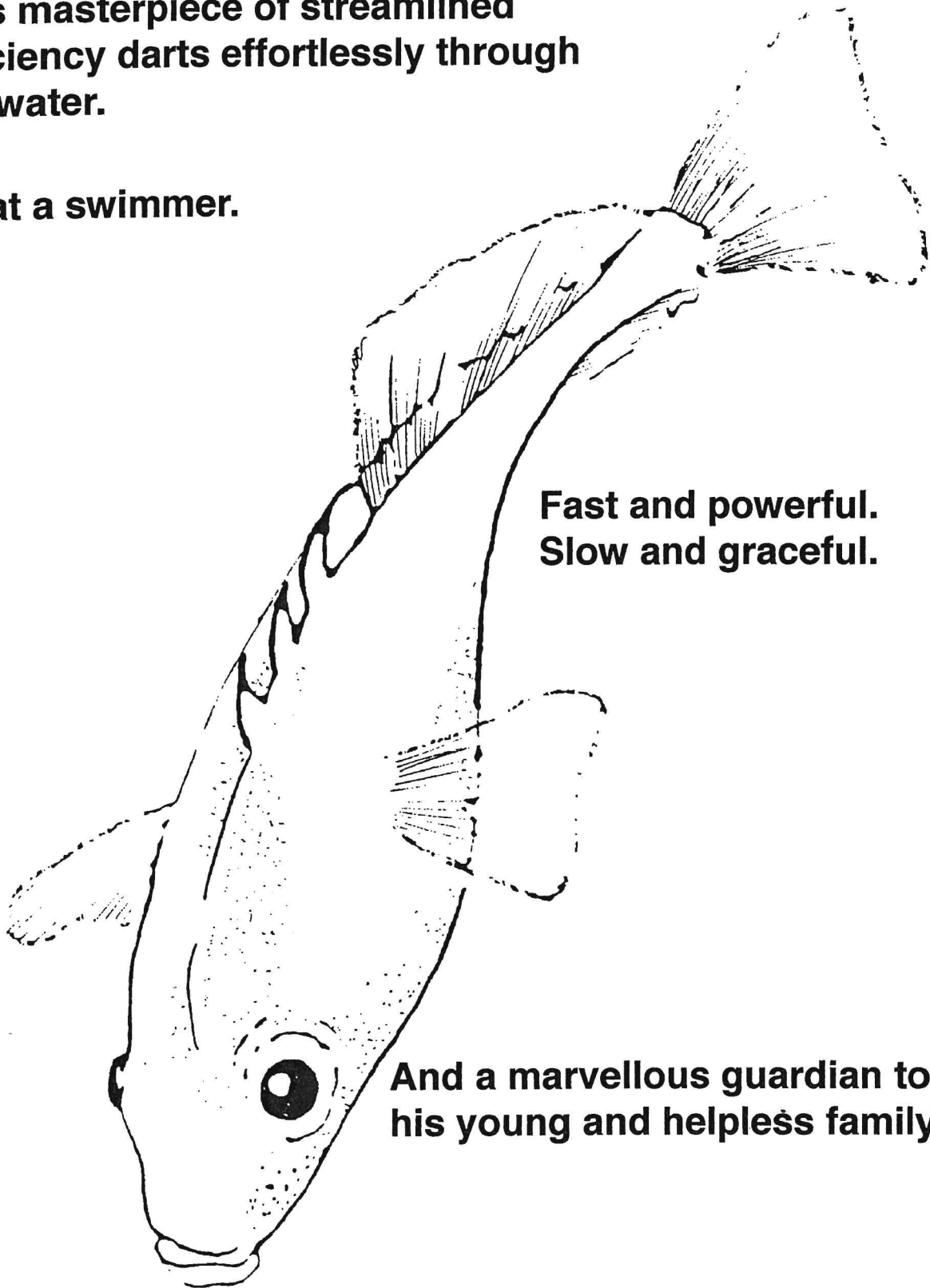
**et the waters
bring forth in
great
numbers, moving
creatures that have
life.”**

Genesis

A simple fish??? **No way!!**

This masterpiece of streamlined efficiency darts effortlessly through the water.

What a swimmer.



**Fast and powerful.
Slow and graceful.**

**And a marvellous guardian to
his young and helpless family.**

Just like flowers, fish come in many shapes, sizes and colours.

They too are part of God's beautiful plan - Creation. But they do not live on the land - their world is surrounded by water.

A pool, a pond, a river, a lake, a sea - each one can provide a home for a fish
many fish sometimes too many to count.

Fish are born either male or female.

How can you tell which sex a fish is?

Well, it isn't always easy to spot the difference, but in a lot of cases adult fish differ in shape and colour - the male is usually more colourful.

Why?

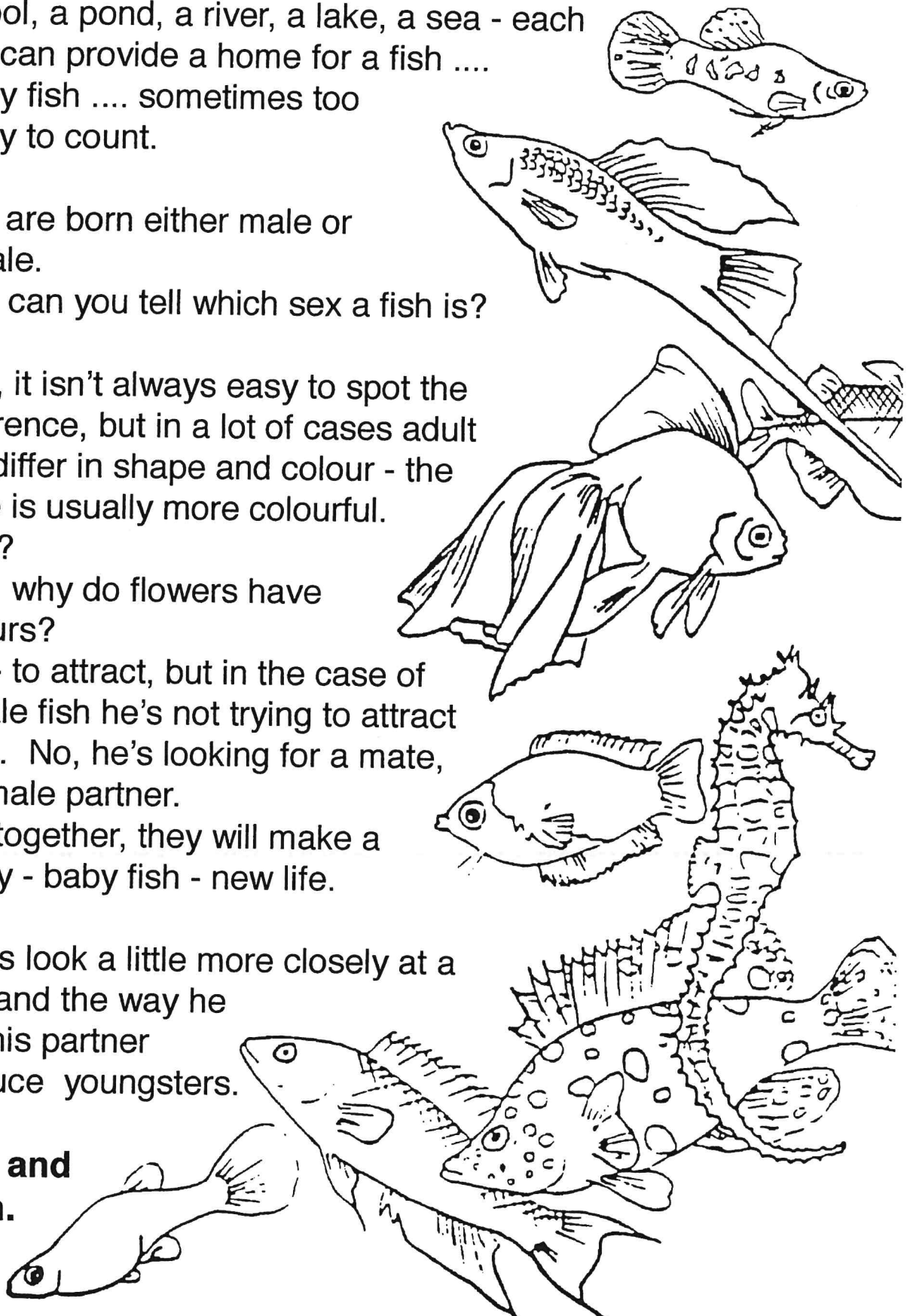
Well, why do flowers have colours?

Yes - to attract, but in the case of a male fish he's not trying to attract bees. No, he's looking for a mate, a female partner.

And together, they will make a family - baby fish - new life.

Let us look a little more closely at a fish, and the way he and his partner produce youngsters.

Turn and learn.

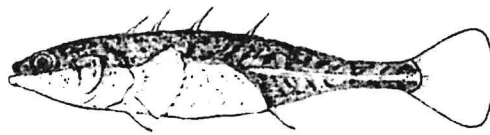


Meet the “Three-Spined Stickleback” -
so called because of the 3 sharp spines on its back.

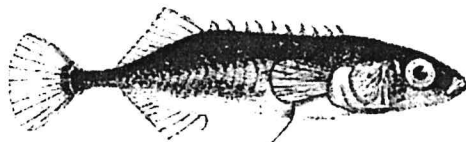


Sticklebacks usually live in ponds and streams but some (like the 15-spine stickleback !!!) can be found in the sea.

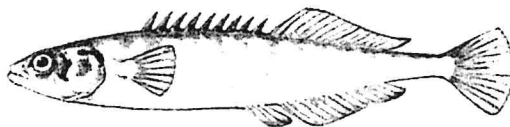
The 3-spined variety is perhaps the most common type of stickleback in and around British waters. But there are many different species of stickleback to be found around the world including ...



the spined variety



the spined variety



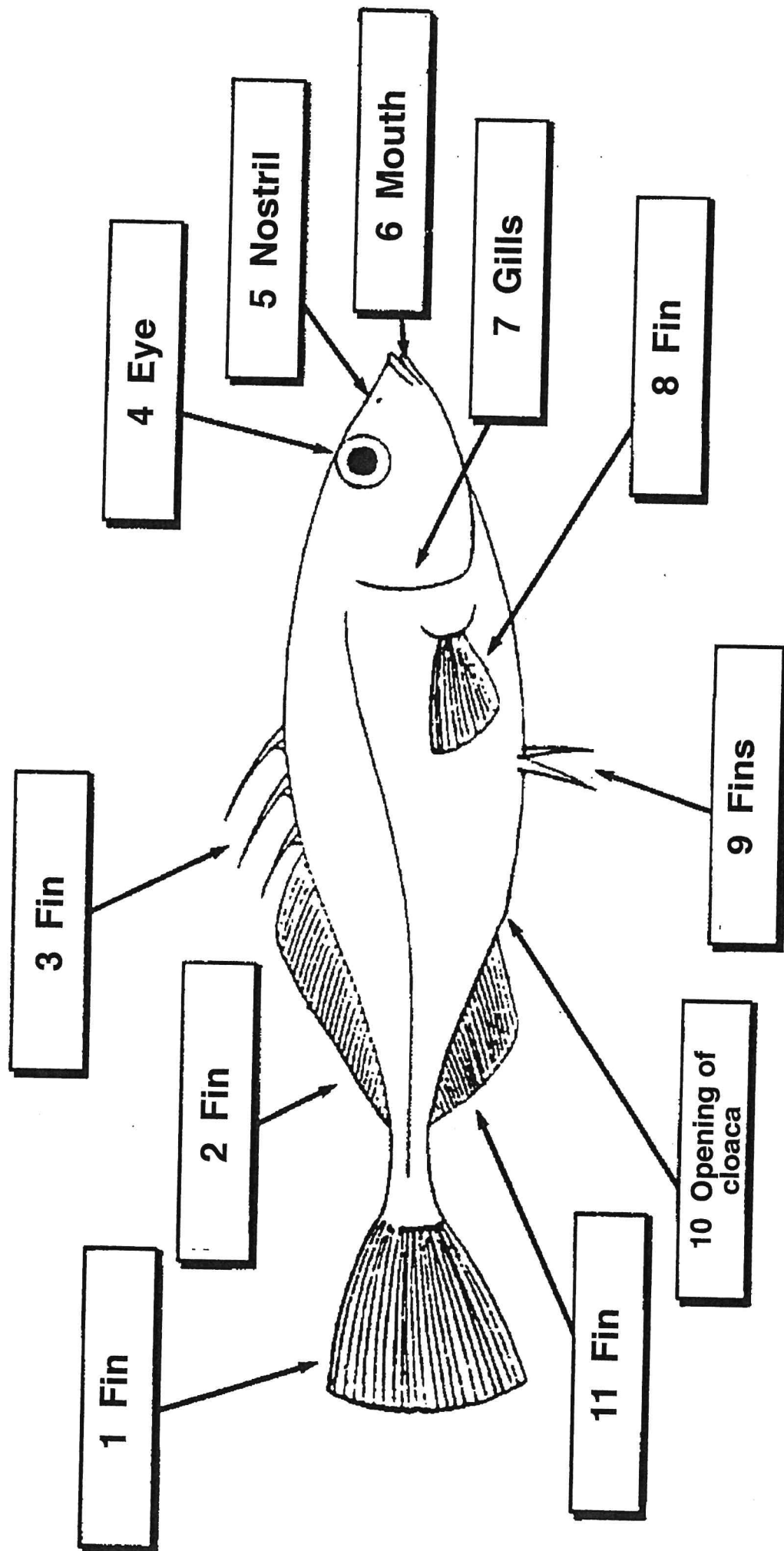
the spined variety.

Three-spined sticklebacks are about the size of your finger and for most of the year they are a greeny-brown colour.

Have you ever seen a real, live stickleback ?

With luck, this interesting fish will live as long as 2 years.
A group of sticklebacks is called a shoal.
A healthy pool or pond or stream may contain hundreds and hundreds of sticklebacks.

Colour the picture on page 4 with help from your teacher.



In Spring, when the waters begin to get warmer changes occur, making it easier to tell the sexes apart.

The throat and belly of each mature (adult) male turns brilliant red, and its eyes turn bright blue. *I wonder why ?*

Have a guess ...

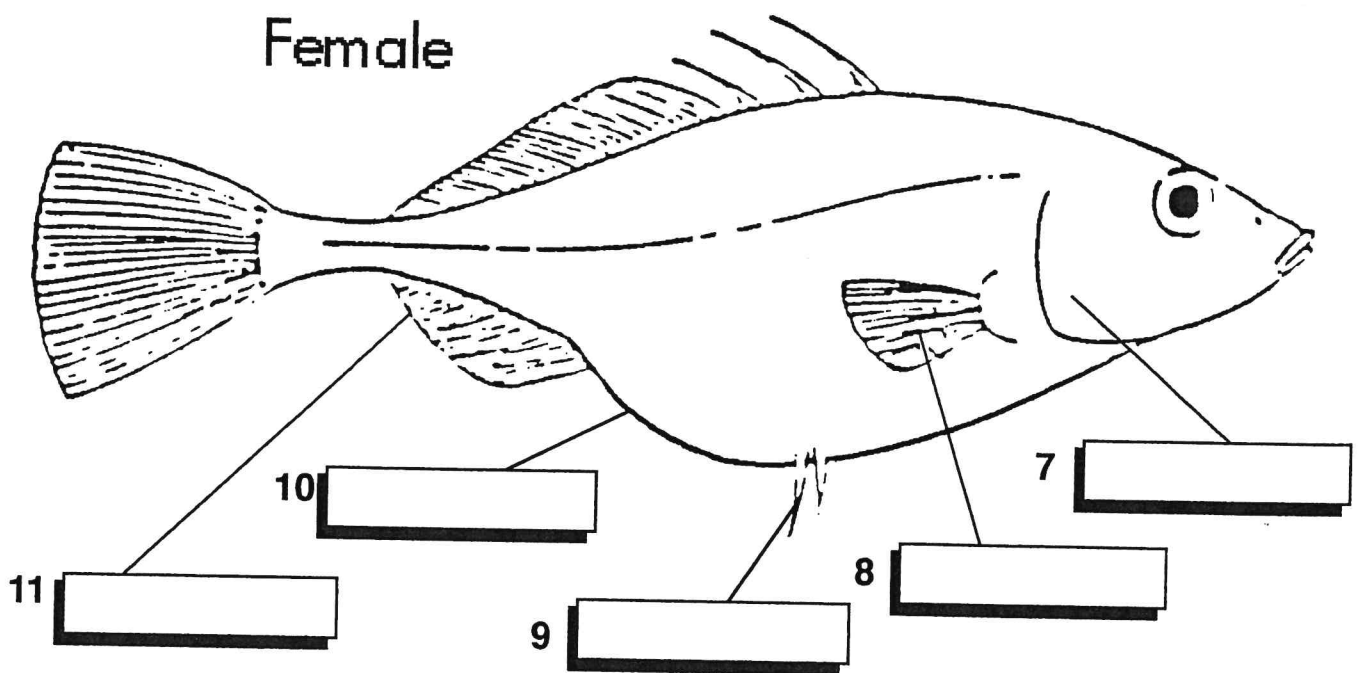
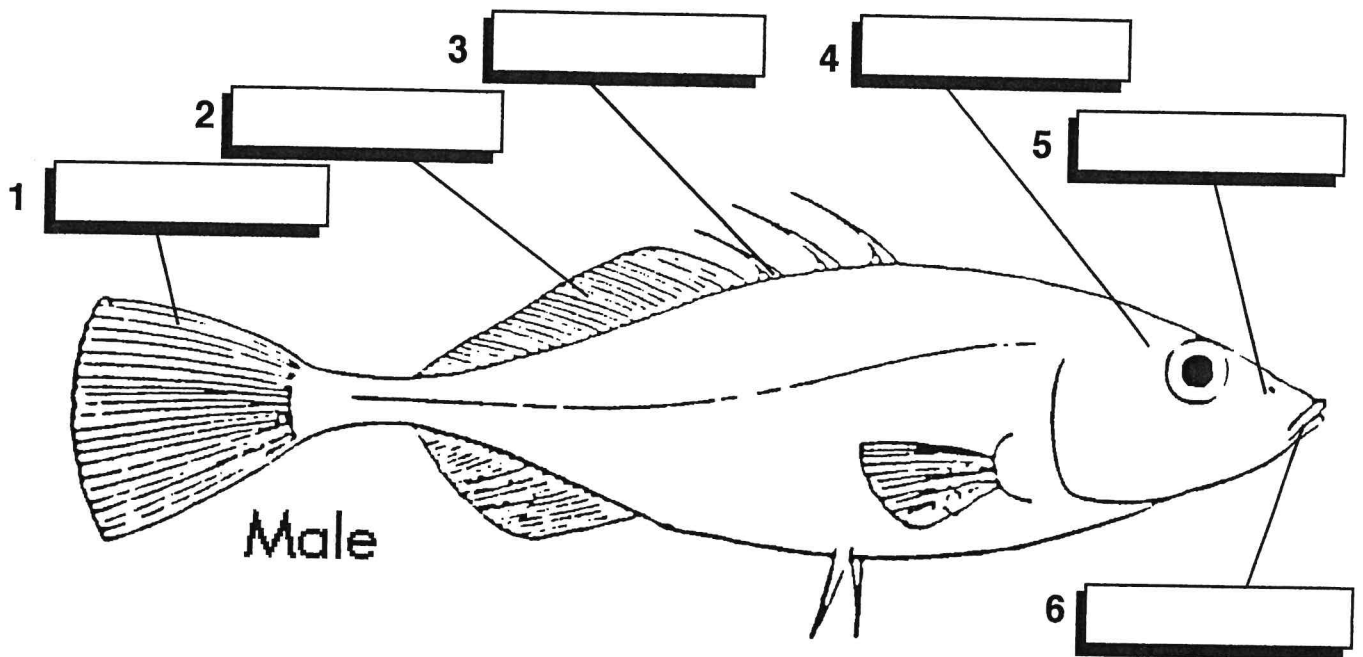
A mature female remains the same greeny-brown colour but her belly swells up showing that she is bulging with eggs.

*What does the adjective "**mature**" mean ?
Find and write down a suitable definition.*

1. *How good is your memory ?..... can you label the diagrams on page 6 without looking back at page 4 for the answers ?*

(Be careful with spellings and make sure each label is clear and easy to read)

2. *Colour both fish on page 6 with help from your teacher.*



Before the male goes in search of a mate (female partner) he has work to do.

He leaves the shoal to find a place that he likes, and where he will build his nest.

Once he has selected his site he patrols the territory keeping away other males ...

THIS PLACE IS HIS!

Once he has made it known that this is his ground he builds a nest in the sand, biting off tiny stems of weeds and gathering scraps of plants and binding them together with a sticky thread which he spins out from under his tail, rather like a spider does.

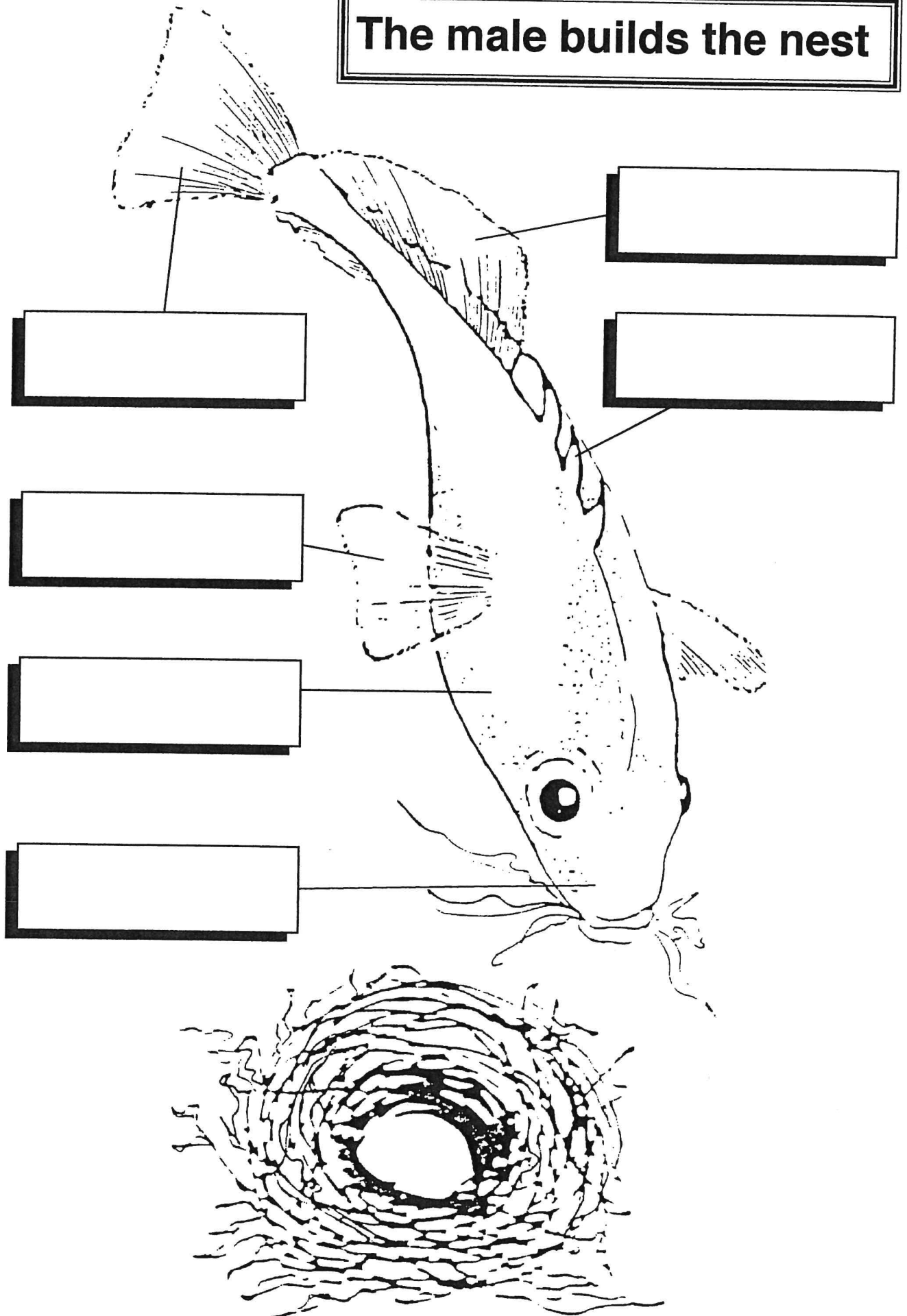
When it is finished it looks like a muff or a soft tunnel. He makes it neat by fanning away any loose bits with his tail.

ALL IS READY.

Colour the male building his nest.

Label the diagram.

The male builds the nest



The next job for the male stickleback is to find a partner to mate with. Mating produces young.

Here's something to think about ...
With ALL FISH (not just sticklebacks) it is natural for the MALE and FEMALE to "mate" (make baby fish).

If they didn't mate and produce young
all the living ones would die within a few years
and there would be no more fish on Earth.

Fish would become e _ t _ n _ t.

Anyway, back to our story finding a partner !!!
The male will go in search of a mature / adult female whose belly is swollen with eggs (the eggs are actually in her ovaries).

Haven't we talked about "ovaries" before in a previous book ?

When he finds a suitable female partner he dances and darts around her in zig-zag patterns ... attracting her attention and leading her to his nest.

He hopes she will follow.

He really hopes she will follow.

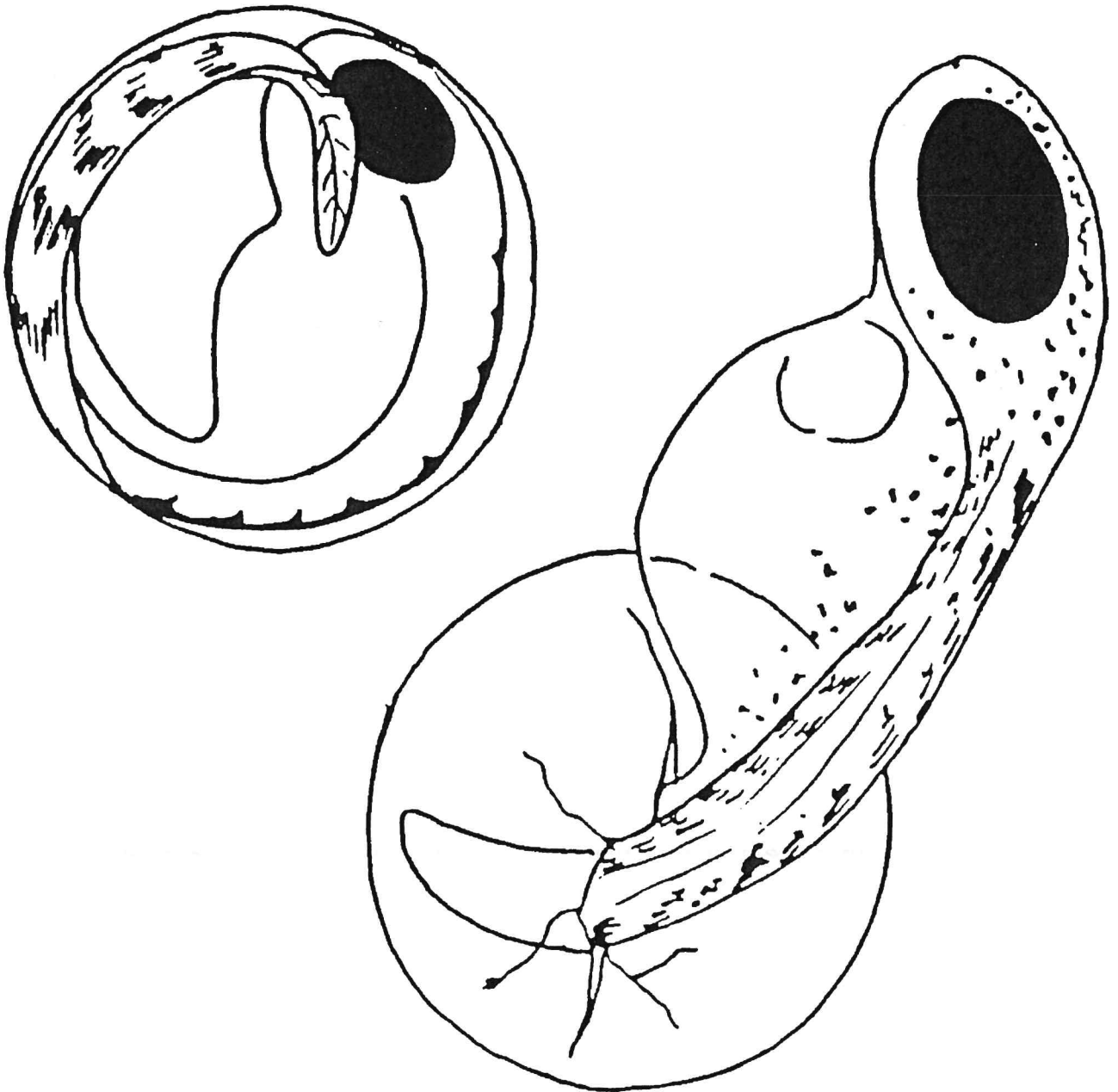
He really, really hopes she will follow !!!!

Label and colour the diagram on page 10.

Fill in the two special boxes ... MALE and FEMALE

(be sure you know which is which)

**The baby fish grow inside the jelly-like eggs.
After about 9 days they began to hatch.**



**They look just like their parents did when
they were born.**

Once they have hatched, the babies (sometimes called fry) are in constant danger - danger of being eaten alive by bigger creatures.

The father will protect them and fight off any enemy, but he needs help from the fry ; if they scatter they are much harder to look after (remember ~ there could be as many as 100 to look after !!!). He tries to keep them close together so that they have a chance to SURVIVE. He is on duty 24 / 7... being a parent is a VERY big responsibility.

By the time they are about two weeks old they must look after themselves. The father's bright colours fade and he swims away. If you know anything about "food chains" you will have a good idea of what will happen to some young sticklebacks. Many will not survive to adulthood ... but some will, and in time (next year) will have grown to maturity and will produce families themselves.

Maths Challenge (get your calculator out !) : if a pair of sticklebacks living in a stretch of river had 100 young ... and only 10 survived to have families of their own but each of the 10 produced 100 young (of which only 10 from each family survived) .. how many more sticklebacks would now be sharing the water with the original pair ?

Ans. _____

Now what if the same stretch of river had not one pair of sticklebacks but 100 pairs and the same story unfolded ?

Ans. _____

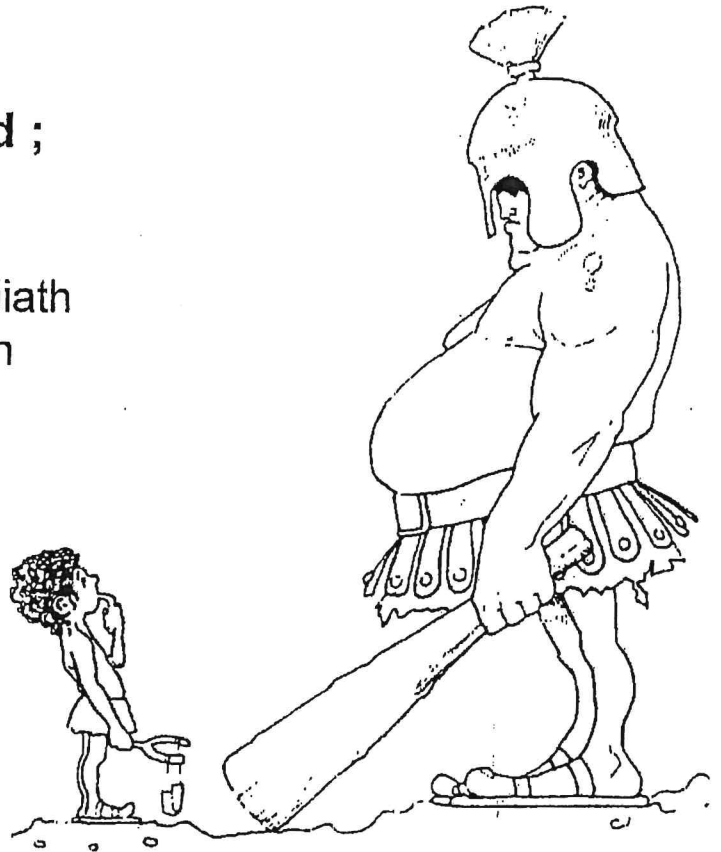
Now what if the survival rate wasn't 10/100 but 50/100 ?!!!!!!

What can we learn from this about helping people around the world who are desperately short of food ?

GOD—the Caring Protector

However difficult the task ...
with God's help I can succeed ;
I have FAITH.

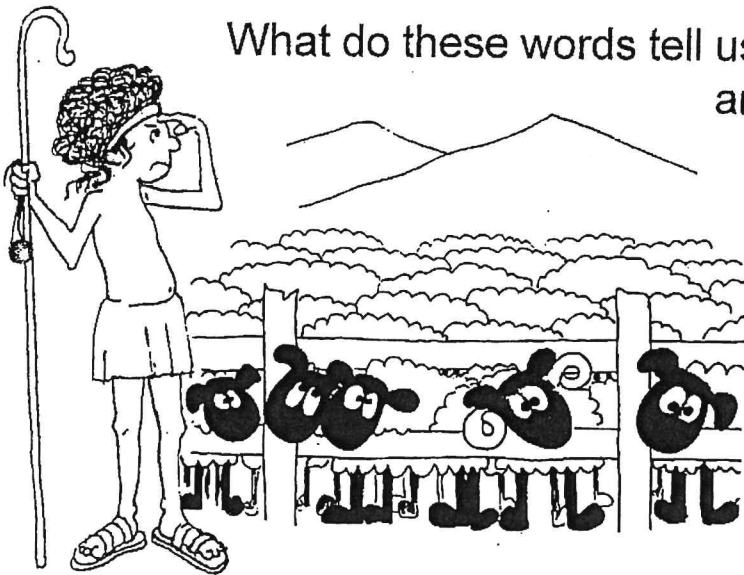
Discuss the story of David and Goliath
and get help to answer the question
"What is Faith?"



The Lord is my shepherd

.... I look after my sheep ; the Lord looks after me.

What do these words tell us about God's relationship with us
and how we should relate to Him ?



Hard to believe from these pictures ...

but David turned out to be the **GREATEST** of Israel's kings !!!

God Protected Jesus His Beloved Son.

(Gospel According to Matthew Ch. 2 Verses 12-16)

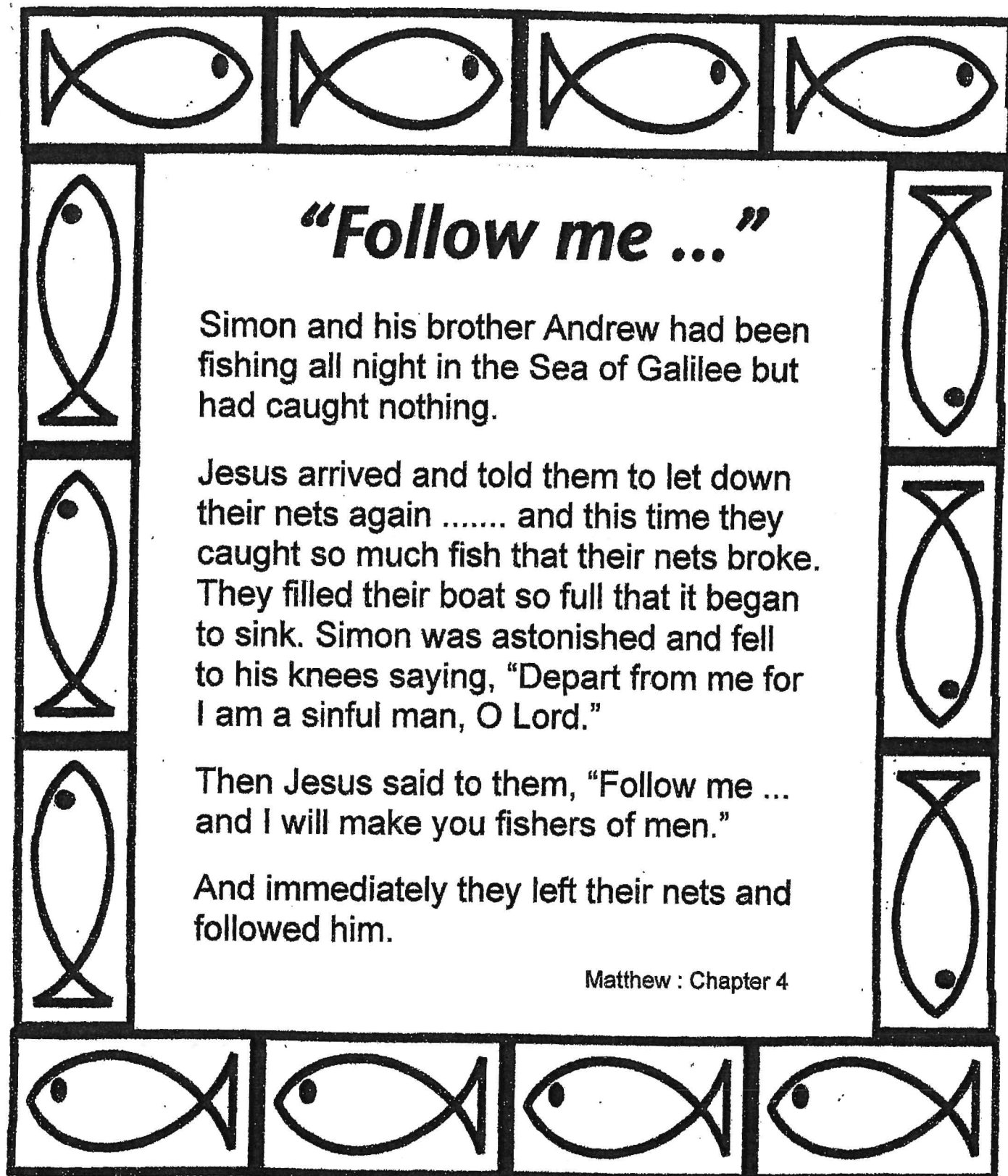
God warned the wise men in a dream not to go back to Herod because he meant the child harm. So they went home to their own country by a different way.

After they left, an angel of the Lord came to Joseph in a dream. The angel said, "Get up! Take the child and his mother and escape to Egypt. Herod will start looking for the child to kill him. Stay in Egypt until I tell you to return."

So Joseph got up and left for Egypt during the night with the child and his mother. Joseph stayed in Egypt until Herod died. This was to make clear the full meaning of what the Lord had said through the prophet. The Lord said, "I called my son out of Egypt."

When Herod saw that the wise men had tricked him, he was very angry. So he gave an order to kill all the baby boys in Bethlehem and in all the area around Bethlehem who were two years old or younger.





“Follow me ...”

Simon and his brother Andrew had been fishing all night in the Sea of Galilee but had caught nothing.

Jesus arrived and told them to let down their nets again and this time they caught so much fish that their nets broke. They filled their boat so full that it began to sink. Simon was astonished and fell to his knees saying, “Depart from me for I am a sinful man, O Lord.”

Then Jesus said to them, “Follow me ... and I will make you fishers of men.”

And immediately they left their nets and followed him.

Matthew : Chapter 4

What do you think Jesus meant when he said he would make his followers “fishers of men” ? _____

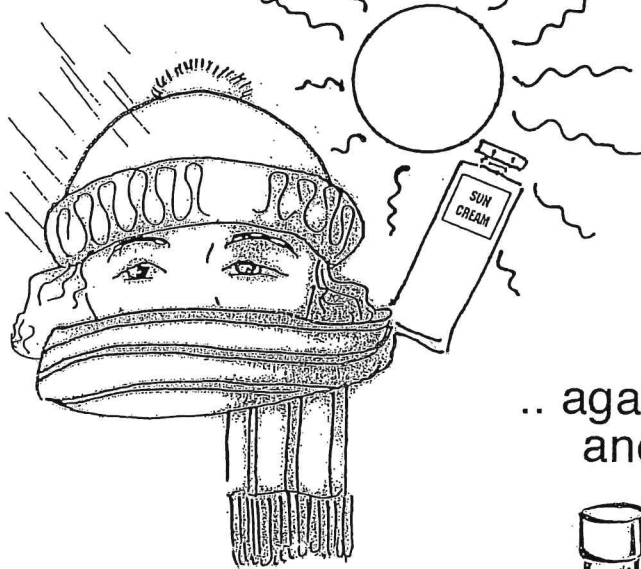
Talking of fish does this Chinese proverb make you think ? :
“Give a man a fish and you feed him for a day. Teach a man to fish and you feed him for life !”

We All Need Protection



Children need protection

.. against extremes of temperature.



.. against bullies.



.. against infection and disease.



.. against exploitation.



colour
green

.. against beatings and abuse.

Who can help to protect them ?..... Discuss

Guardians of Right

The law demands it !!!

Hey kids,
you need to understand that when **Parents**,
Carers and **Minders** are forever telling you
what to do, what not to do, where to go, where not
to go, what to eat, what not to eat, what to say, what
not to say, where to sit, where not to sit, what you
can, what you can't, when you can, when you can't,
who you can, who you can't (yes, we know ... sometimes it
goes on and on and on and on)

it's because they love you, and they care

and because the law says they have a duty as
a responsible guardian to bring you up
understanding the rights and wrongs of life according to your age.

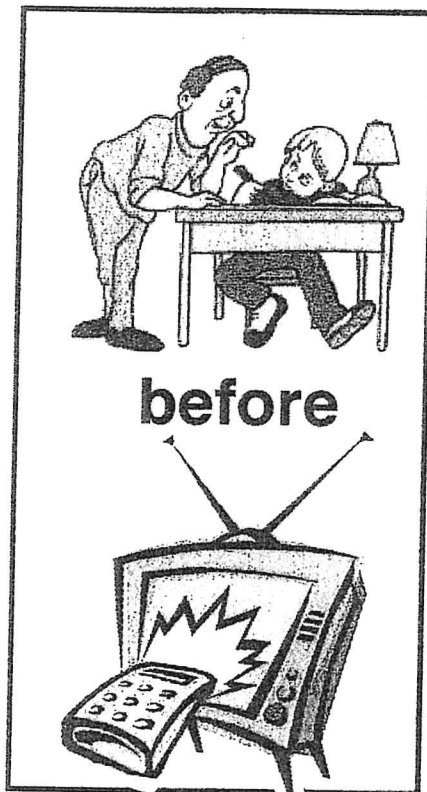
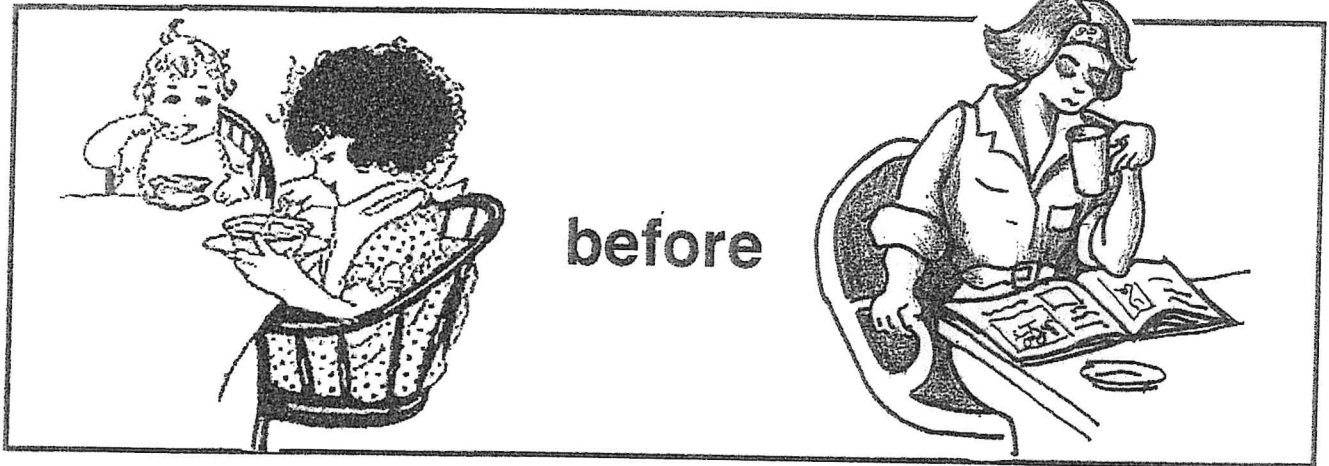


*So don't be so quick to complain if they
don't always let you have your own way!
Looking after children is NOT an easy job.*

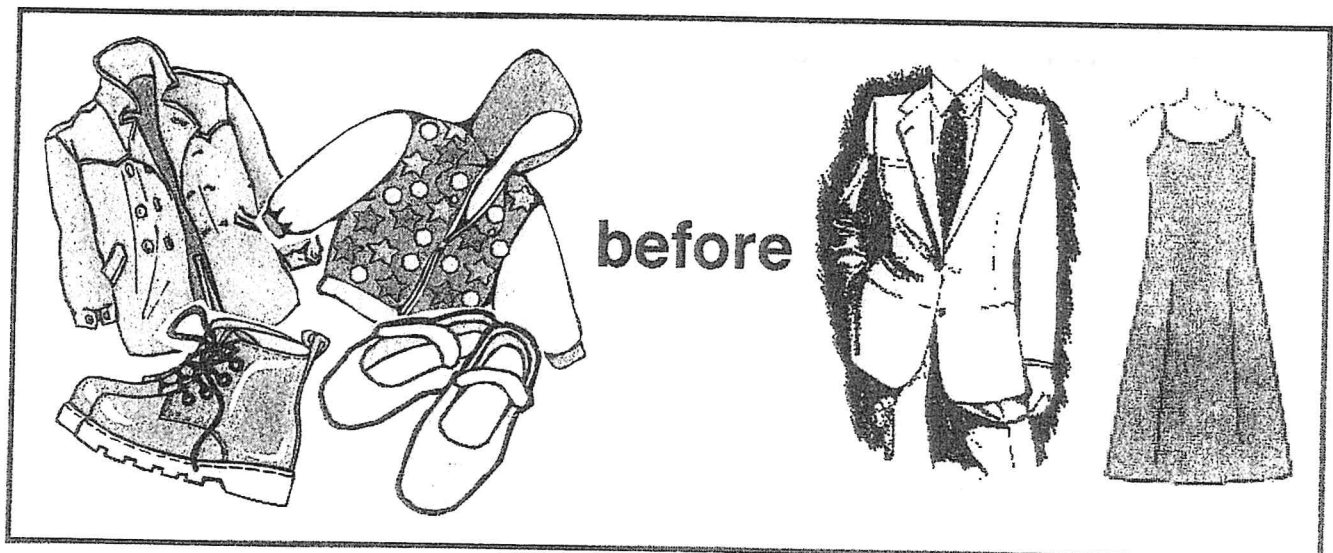
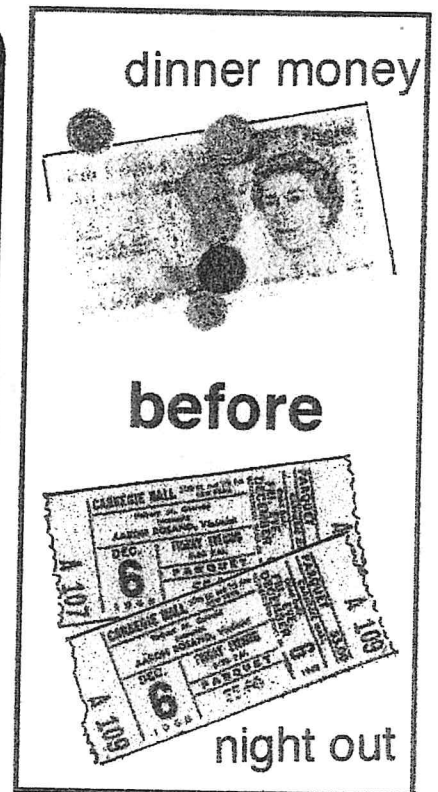
*They also have a duty to PROTECT you from harm
and to show you GOOD EXAMPLE by what they say
and by what they do (at home and outside)*

Can you give examples of how they can do this ?

1. _____
2. _____
3. _____
4. _____



Parents
often
have to
put
children's
needs
first.



24 Hours a Day ~ 7 Days a Week!
Being a PARENT is a full time job.

[illegible]

How many hours per week is this ? _____

How many hours per year is this ? _____

For how many years will this go on ? Discuss

An easy-peasy job ?

How many can you add to this list ?.. . .

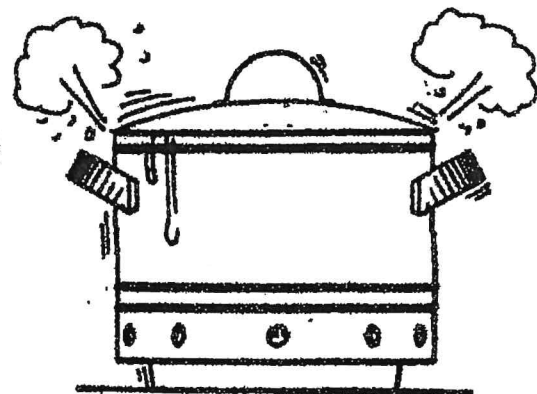
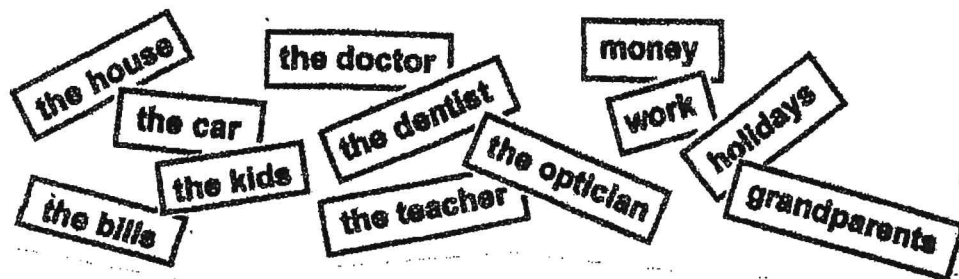
washing pots, ironing clothes, cleaning the house,
sewing on buttons, _____

Phew what a responsibility!

The Pressure Cooker

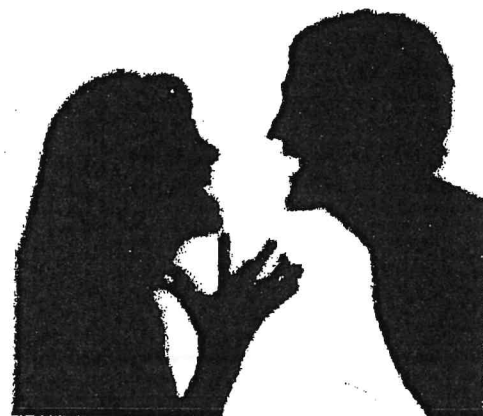
Understanding Parenthood

The hectic pace of modern family life makes being a "parent" a difficult job. There is **ALWAYS** something to think about, to worry about, to sort out ...



Some days it can be like living inside a pressure cooker ... parents don't get time to think, let alone rest, relax & recover.

Sometimes the pot boils over !!!....



*... but it might help to know that **ALL** families experience this from time to time.*

What actions can help to restore peace & harmony ????

1. _____
2. _____
3. _____

"RECONCILIATION" makes EVERYONE feel BETTER.

So you think

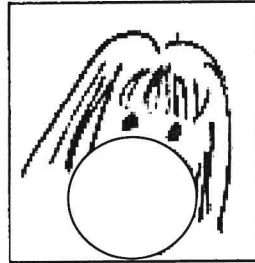
"Charlie and the Chocolate Factory"

is a story for kids ? Think again !!!!

Roald Dahl, with the help of ..

Mr. **WILLY WONKA**

offers **PARENTS** a brilliant lesson
about the dangers of "giving in" to
the demands of children.



☐ Violet Beauregard

☐ Mike Teavee

☐ Augustus Gloop

☐ Veruca Salt

☐ Charlie Bucket

Describe each character.

Now ask yourself

"Do I pressure my parents to give in to my demands ?"

Hey You



Isn't It TIME
To

Yes You



Take Some Responsibility

In Developing Your Relationships ?

Complete each line with ideas of your own

Home

- **Parents** : don't answer back,
- **Siblings** : play nicely with them,
- **Grandparents etc.** : spend time with them,
- **Neighbours** : respect their property,

School

- **Teachers** : accept decisions,
- **Other Adults** : speak with respect,
- **Classwork** : do my best,
- **Homework** : don't blame mum/dad,

Friends

- **Classmates** : don't be bossy,
- **Younger Friends** : don't exploit,
- **Older Friends** : don't be exploited,
- **Gangs** : don't join in wrong-doing,

God

- **Communicating** : speak often in prayer,
- **Worshipping** : make time for God,
- **Sacraments** : welcome the chances to meet Him,
- **Parish** : become more involved,

It's all part of making you into a human being.

STEWARDSHIP

A Responsibility Given To Each One Of US

Our world

a delicate balance of nature
created by God, the Master Designer;
God's wonderful gift to Mankind.

We ...

are asked to be "stewards" ~
caretakers, sharing the job of
protecting the planet.



But ...

human beings are putting our
world in danger.

Find out the meaning of :

over-fishing

over-farming

deforestation

air-pollution

ozone damage

bomb-testing

Who can heal the damage ?

1. G_v_r_me_ts.

2. S_ien_is_s.

3. C_mm_ni_i_s.

4. M_.

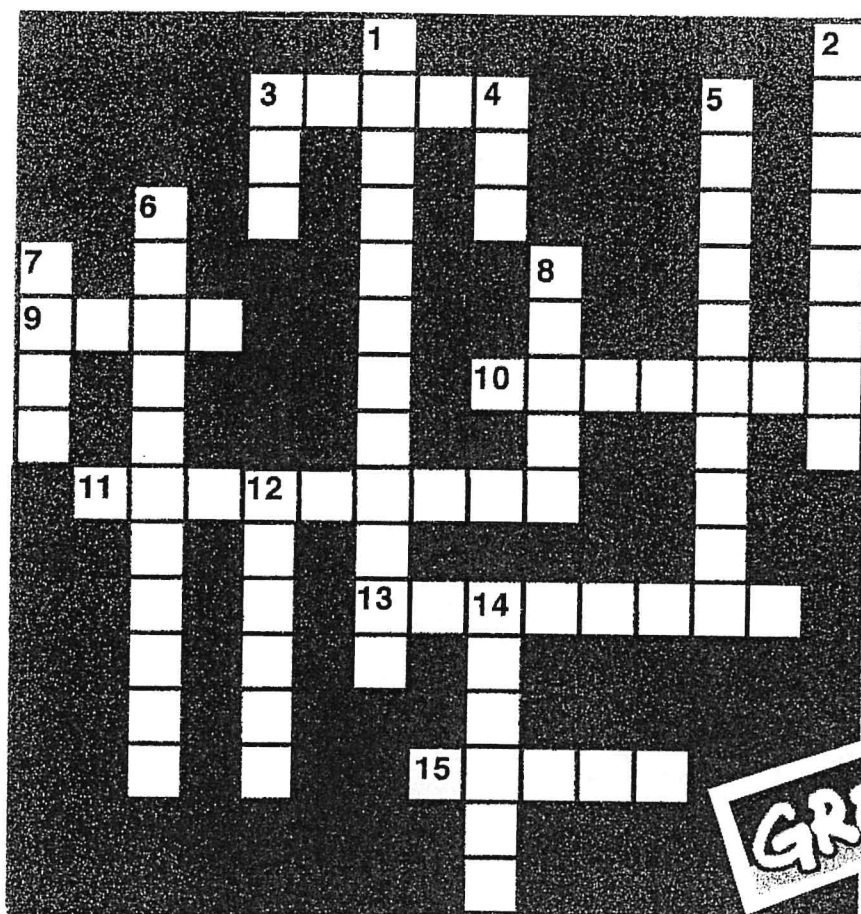
But I am one small voice
How can I make myself heard ?

Join a choir !!!



FACING THE CHALLENGE

For Our Children's Children's Children



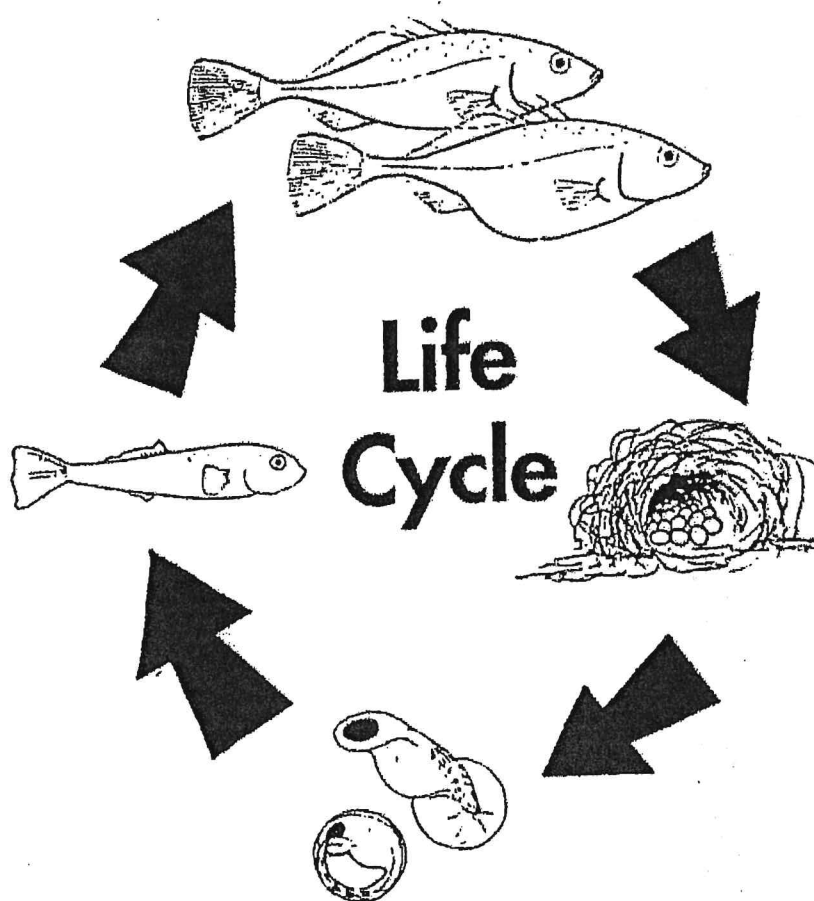
ACROSS

3. A protective layer round the earth which is being destroyed. (5)
9. The type of rain which kills trees. (4)
10. Instead of throwing bottles, papers etc. away you can do this with them. (7)
11. This is caused by rubbish, sewage and chemicals. (9)
13. What fisherman must not do in our seas. (8)
- 15 The National _____ takes care of our heritage. (5)

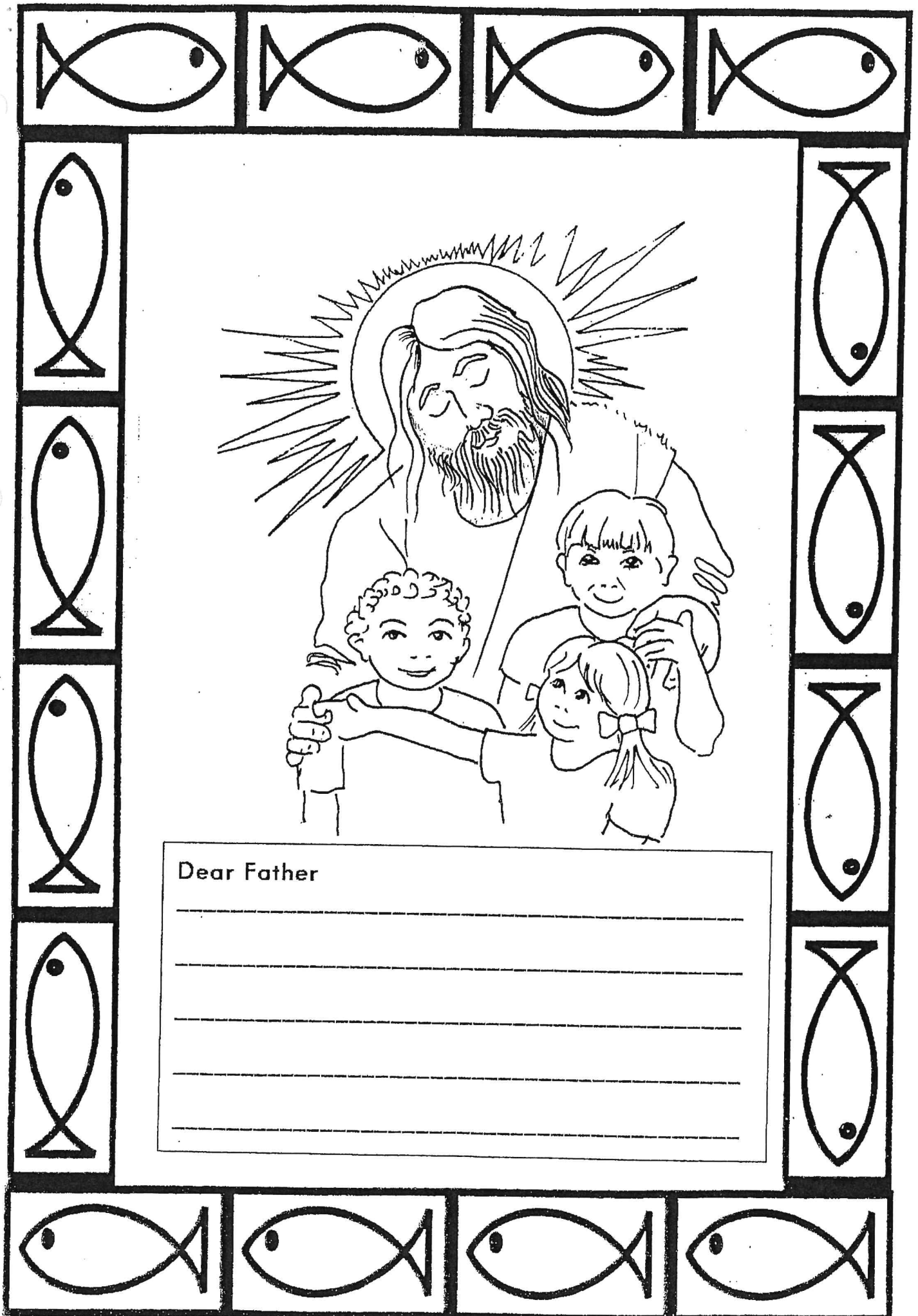
DOWN

1. Looking after the earth is called . . . (12)
2. The sort of petrol all cars should use. (8)
3. It spoils beaches when spilt from a tanker. (3)
4. Too much noise can damage yours. (3)
5. Used to protect crops from pests. (10)
6. Places where tropical trees are being cut down. (11)
7. Take old bottles to the bottle _____. (4)
8. The colour associated with protecting the earth. (5)
12. _____ bins for rubbish. (6)
14. Coal, gas and oil are all natural forms of this. (6)

The stickleback story shows the importance of getting the "preparations" right before having a family ~ the eggs/fry will need safety & protection. The nest gives safety, and protection comes from a dutiful parent until the young fish are independent (about 2 weeks).



Humans have to "think ahead" and be VERY responsible when thinking about having a baby because the baby only gets one chance at life and will need to be fed, clothed, housed and protected for about 18 YEARS !



Isn't God Wonderful?

Discuss