

fearsome facts are fun. AND THAT'S A FACT!

So now it's your turn. Don't keep these facts to yourself - share them. After all - it's official -

The HORRIBLE facts.

ones of all are the fearsome facts.

family. No-one forgets a good fact, and the best school, freak out your friends and frighten your

hero, you're invincible! You can shock your

with facts you're an expert, you're a super-

Just look what you can do with facts! Armed

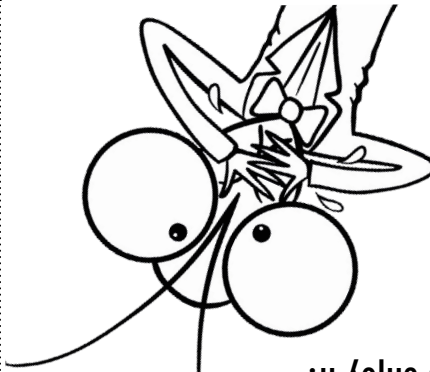
true story that speaks to your imagination.

makes them FACTS. And every one of them is a

love them. After all - facts are true. That's what

Horrible Science is full of facts and we

The Fearsome Final Word



We hope you enjoy it!

terrible years of *Horrible Science*.

favourite foul and fearsome facts from twenty

This book is a countdown of our top ten

everyone to download and read.

Science book and put it online so it's FREE for

(and everyone), so we made this *Horrible*

We wanted to share the celebration with you

is celebrating its 20th anniversary!

This year the bestselling *Horrible Science* series

Hello and Welcome!

IT'S HORRIBLE - BUT TRUE!

Fearsome Facts is alive with disgusting details

Want to know ...

- Which tiny creatures are sharing your pillow?
- Why some fish have bottom problems?
- Why T. Rex needed toothpaste?

Plus the most horrible **HORRIBLE SCIENCE** fact ever!

SCIENCE WITH THE SQUISHY BITS LEFT IN!

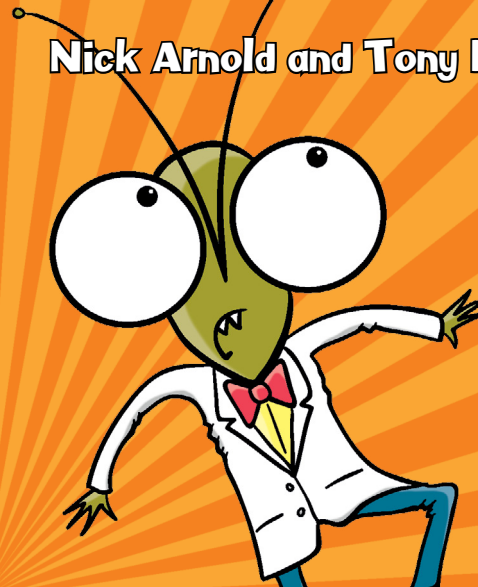
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HORRIBLE SCIENCE

FEARSOME FACTS

Nick Arnold and Tony De Saulles



SCHOLASTIC

FEARSOME FACT 10

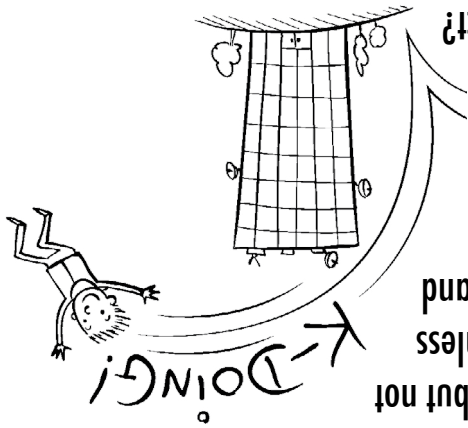
Let's start the countdown with a fact from **Ugly Bugs** - the very first *Horrible Science* book...

Fleas can jump 30cm - that's 130 times their own height. To match that a human would have to jump 250 metres into the air, and do it hundreds of times a day!

That's amazing, but not very horrible. Unless you've got fleas and you can't stop scratching.

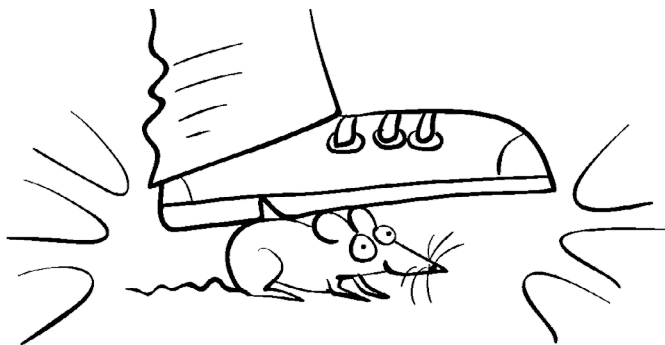
Hmm... maybe we need an

awful animal fact?



FEARSOME FACT 9

This one's from **Nasty Nature**. Most of us know that we shouldn't step on small furry creatures - these include hamsters, gerbils, guinea pigs and little brothers and sisters. But there's one small furry creature you can stand on. It's called a hero shrew and its specially strengthened backbone is so strong it can survive a fully-grown human standing on it! Just don't make a habit of it...



FEARSOME FACT 1

THE MOST HORRIBLE HORRIBLE SCIENCE FACT EVER!
It's from **Microscopic Monsters** ...

Toilets - we need them. When you've got to go, you've got to go. But at least we can flush away 'you know what' - can't we?
(CAN'T WE?)
No.

When you flush the toilet

some of what's inside flies into the air in tiny droplets too small to see. And it goes all over you! What's more some goes on your toothbrush. So you end up brushing your teeth with a poo-ey toothbrush!



FEARSOME FACT 2

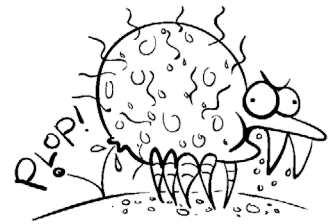
We all sleep. And while we're asleep and dreaming, little dust mites are having fun in our pillows...

At number 2 from the **House of Horrors** - it's the horrible habits of dust mites. They eat your dead skin. They drink your dribble and they poo in your bed... then they eat their poo and poo again.

In all they poo over 20

times a day! (Please

don't panic - dust mites are too small to see and they don't harm you!)



Is that the most horrible fact you've ever read?

Or could the fact lurking over the page be even more horrible...?

Are you ready for the most horrible *Horrible Science* fact ever?!

rotting food stuck in
its teeth. Scientists
reckon the disgusting
dinosaur had really
bad breath!
So would YOU share
your sandwich with
Rexy?



Are flies the number one unwanted dinner
guest? No - that prize belongs to a dangerous
died-out dinosaur...
At number 4 from **Horrible Science
Handbooks - Dinosaurs** -
Tyrannosaurus Rex was a real messy eater.
With no cheeks it sloped meat out the sides
of its massive mouth. What's more, germs and

FEARSOME FACT 4

FEARSOME FACT 3

Is anything worse than being eaten by a dinosaur
with bad breath? How about going into space without
a spacesuit?

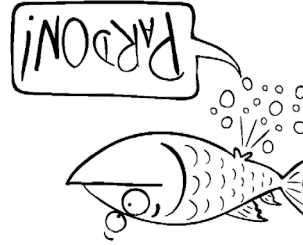
At number 3 from **Space, Stars and Slimy
Aliens** - if you went into space without a spacesuit
your spit would boil and your lungs would burst. Oh
yes, and your skin would be roasted to a crisp in the
sunlight and frozen solid in the shade ... *both* at the
same time! Pretty messy.

But at least you
don't have to
go into space.
Everyone on the
planet has to live
with these mini-
monsters...



Farthing fish are rude but they're not as foul as flies!
At number 5 from **Ugly Bugs** - a fly's idea of
a fun day out is to go for a stroll on a big smelly
cowpat before walking all
over your dinner. And then
they vomit digestive juices
on your food and suck it up.

FEARSOME FACT 5



OK - so what haven't we mentioned? Ah yes -
fish. There are plenty of ferocious fish like sharks
and piranhas, but here's something even more
horrible. **Farthing fish!** In at Number 6 from **Angry
Animals** - scientists have found that herring
communicate by farting underwater.
Imagine if humans did that?
School swimming lessons just
wouldn't be the same!

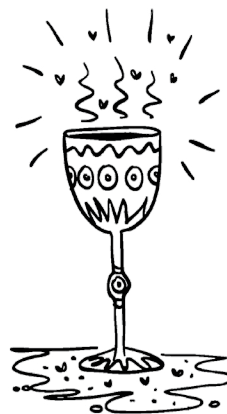
FEARSOME FACT 6

FEARSOME FACT 8

How about a horrible scientist fact?
This one's from **Blood, Bones
and Body Bits**.

Italian scientist Lazzaro Spallanzani
(1729-1799) studied digestion. As
part of his research he made himself sick and then ate it
- and then he made himself sick and ate it again! In all
he did that *three times!* He wanted to see how the food
had changed.

FEARSOME FACT 7



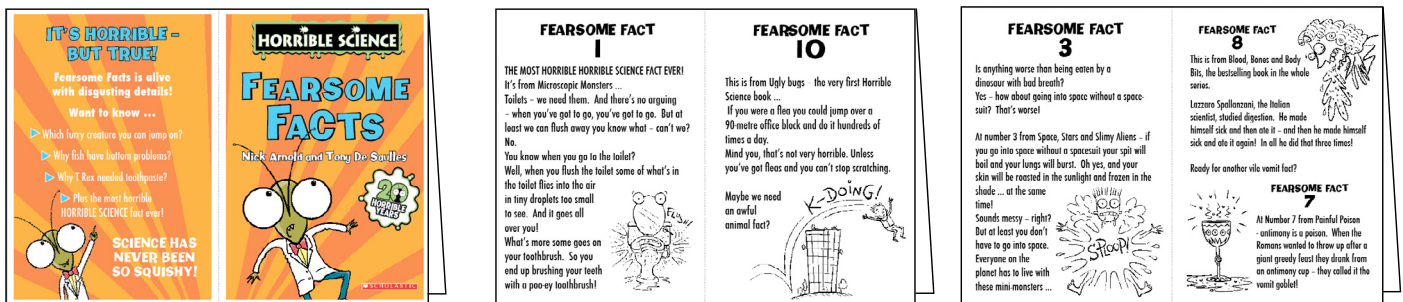
Ready for another vile vomit fact?
Number 7 is from **Painful Poison**.
Antimony is a poisonous metallic
element. When the Romans wanted
to throw up after a giant greedy feast
(so they had room for more food) they
drank from a cup made from antimony
- they called it the *vomit goblet!*



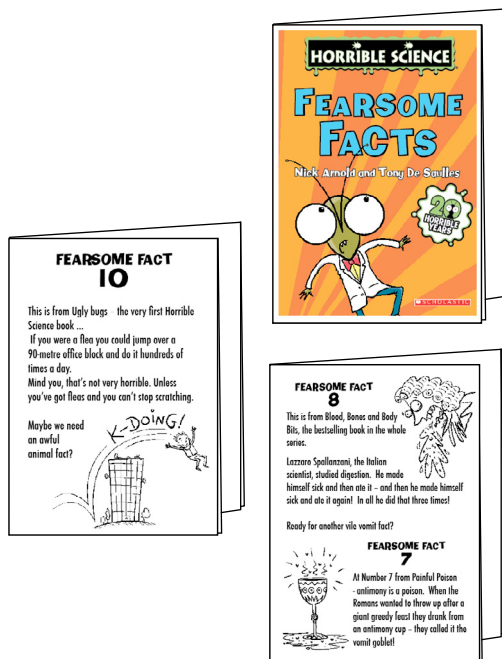
Instructions for making your Horrible Science Fearsome Facts book

1. Print out the three sheets.

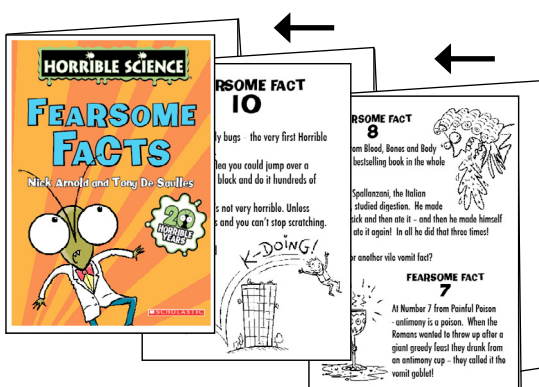
2. Fold each sheet carefully in half across the shorter dotted line with printed pages on the outside.



3. Next fold sheet one along the dotted line with the front cover at the front.



4. Fold sheet two with Fearsome Fact 10 at the front and sheet three with Fearsome Facts 8 & 7 at the front.



5. Slot the Fearsome Fact 10 sheet into the front cover section and Fearsome Facts 8 and 7 into the middle of the Fact 10 section. Your book is complete!