

The Bean Book

By: _____

Where can you find soybeans?
Almost everywhere! Soybeans
can be found in all of these
products...

plastic	car wax
paint	tofu
chocolate	soap
crayons	insulation
body lotion	glue
cooking oil	makeup
candles	candy
printing ink	cereal
biodiesel fuel	livestock feed

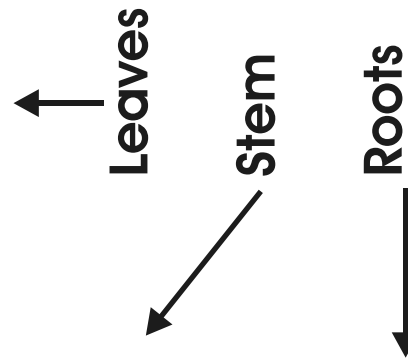
...and so much more! Check
out the ingredients listed on
packages around the house or
school and see what else you
can find!

The bean has a cover
called the **seed coat**.
It protects the seed. ❷

Inside the seed coat
are two **seed leaves**
(**cotyledon**). They
hold the food the new
plant needs to grow. ❸

A baby plant is hiding
between the seed
leaves. It is called an
embryo. ❹

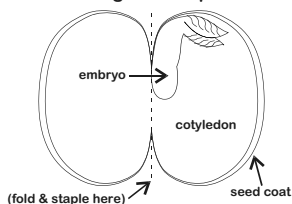
Every kind of seed has
three parts. They are
the **embryo**, **stored**
food (cotyledon),
and a **seed coat**. ❺



Bean Book Instructions:

- Cut out the seed coat, seed leaves, and embryo.
- Cut apart blocks of text, following the dotted lines.
- Fold the seed leaves (yellow) into the seed coat (tan) and tuck the embryo (green) into upper center of seed leaves.
- Attach seed parts by stapling along fold.
- Using the numbers as reference (see below), glue text onto the pages of your Bean Book.
- Write your name on the cover of your book.

Placing of seed parts



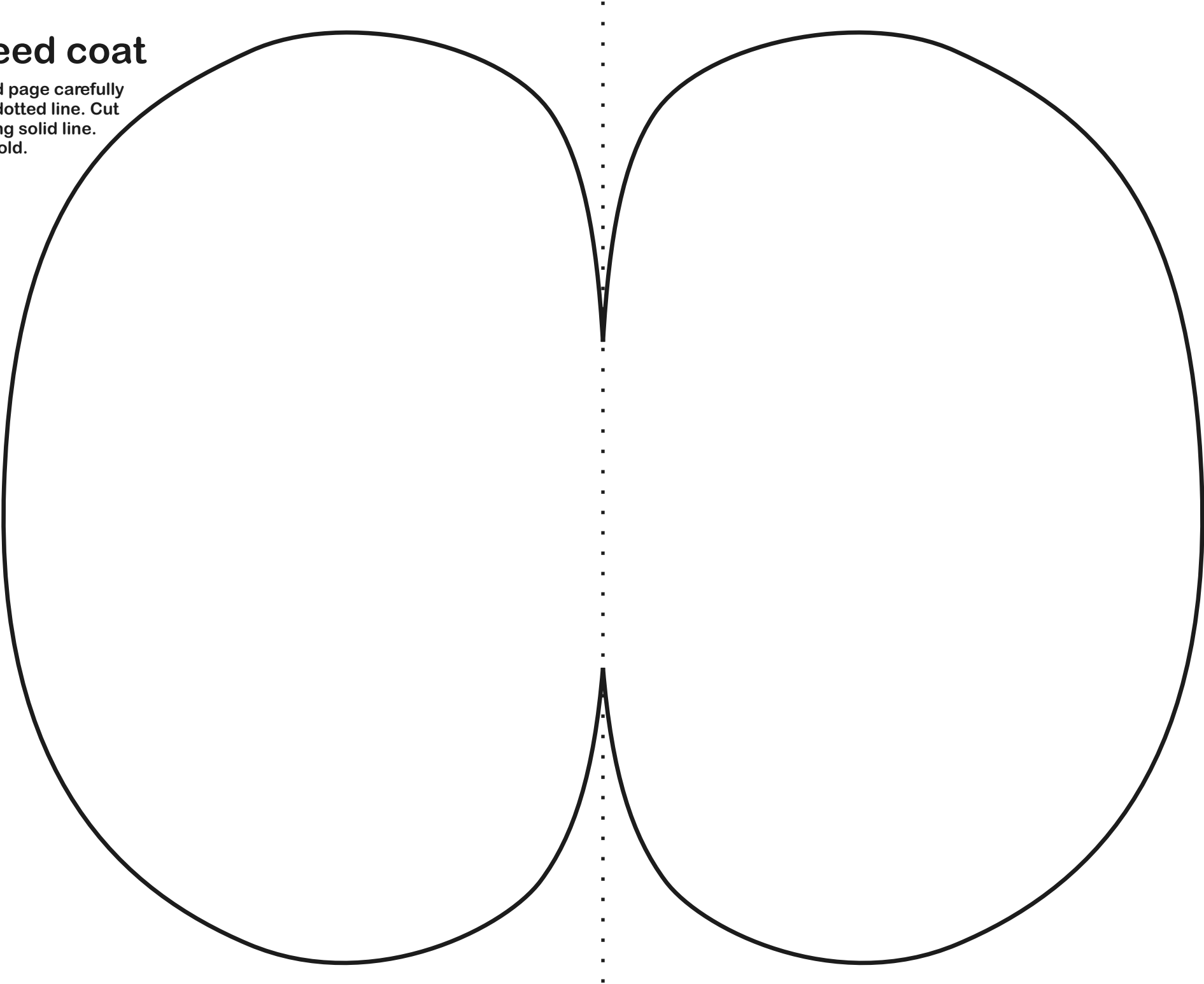
Place Bean Book text in the following order:

- ❶ Front cover
- ❷ Inside front cover
- ❸ Page after inside front cover (first cotyledon)
- ❹ Inside of first cotyledon, next to embryo

- ❺ Inside of second cotyledon, with arrows pointing to parts of embryo
- ❻ Inside back cover
- ❼ Outside back cover

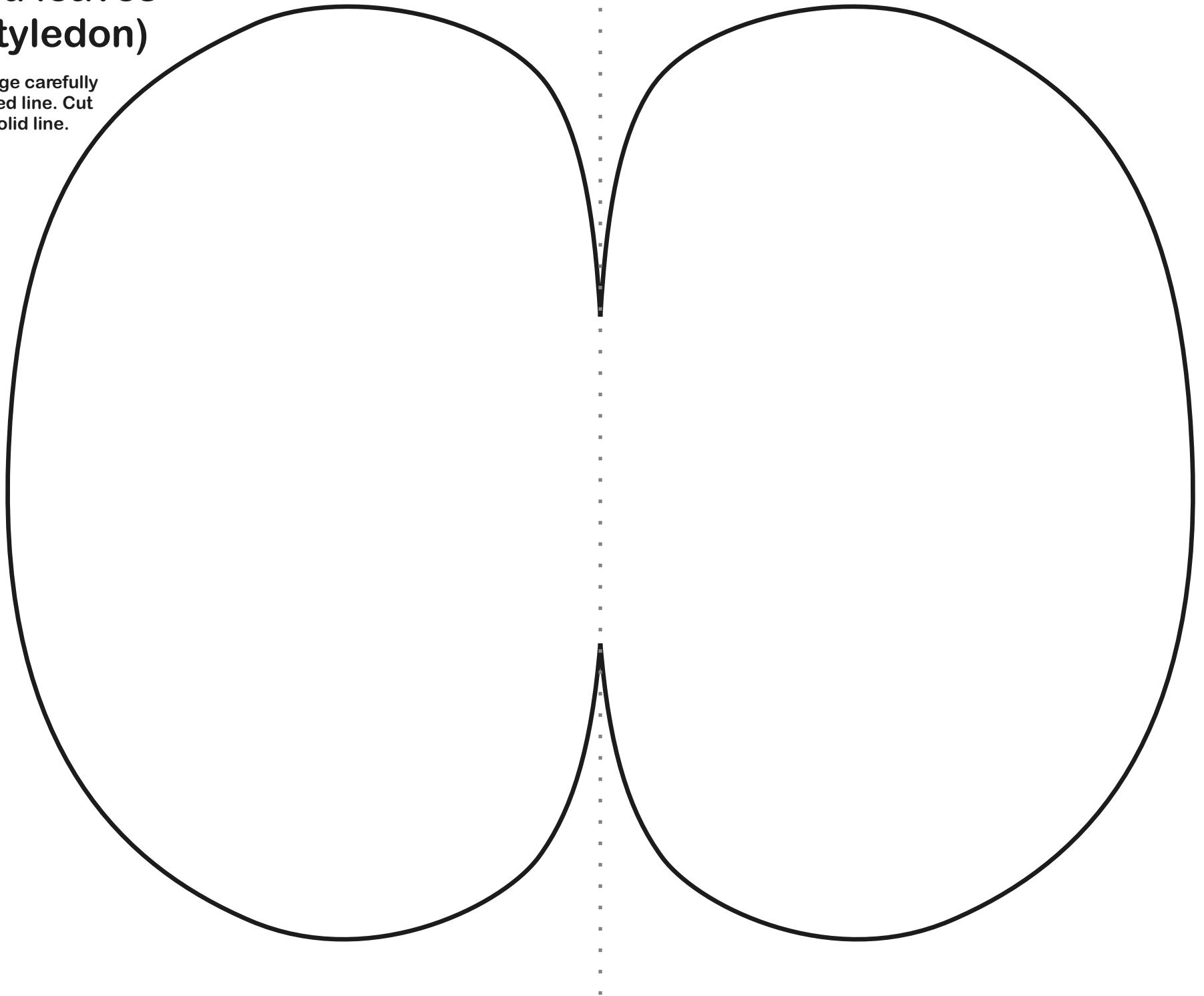
seed coat

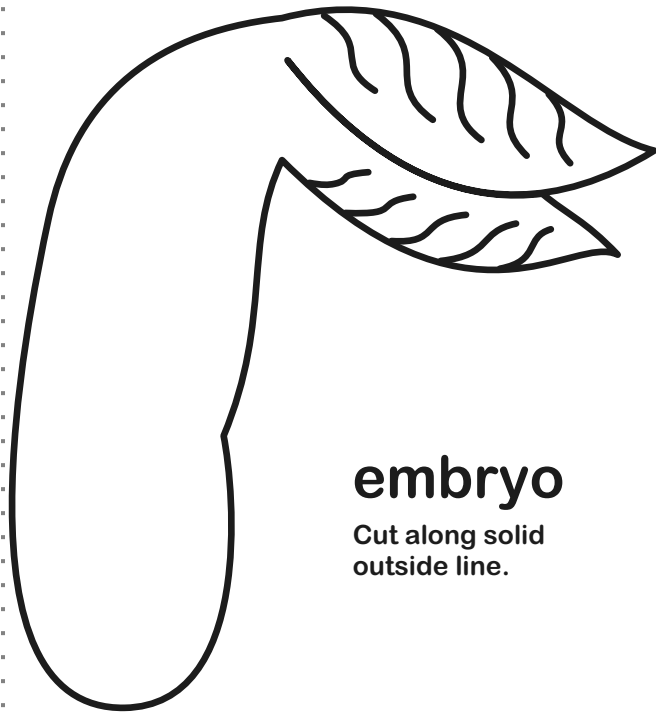
Fold page carefully
on dotted line. Cut
along solid line.
Unfold.



seed leaves (cotyledon)

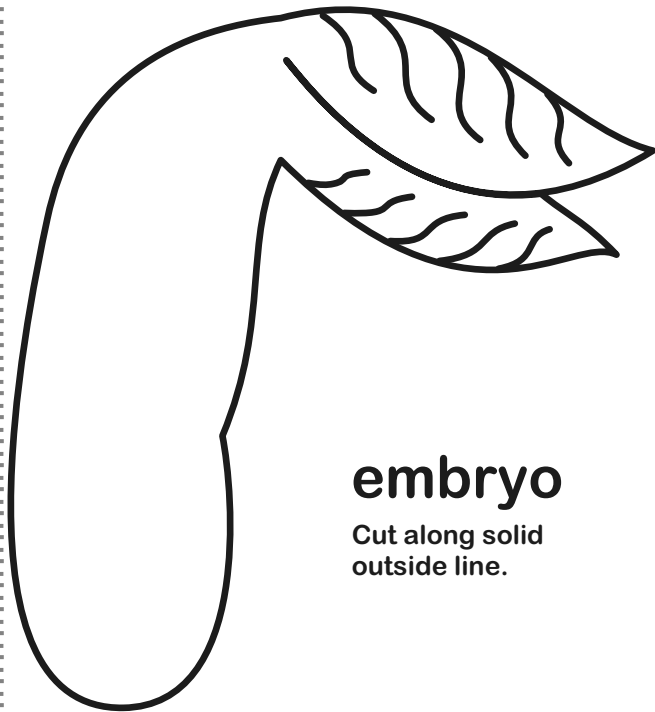
Fold page carefully
on dotted line. Cut
along solid line.
Unfold.





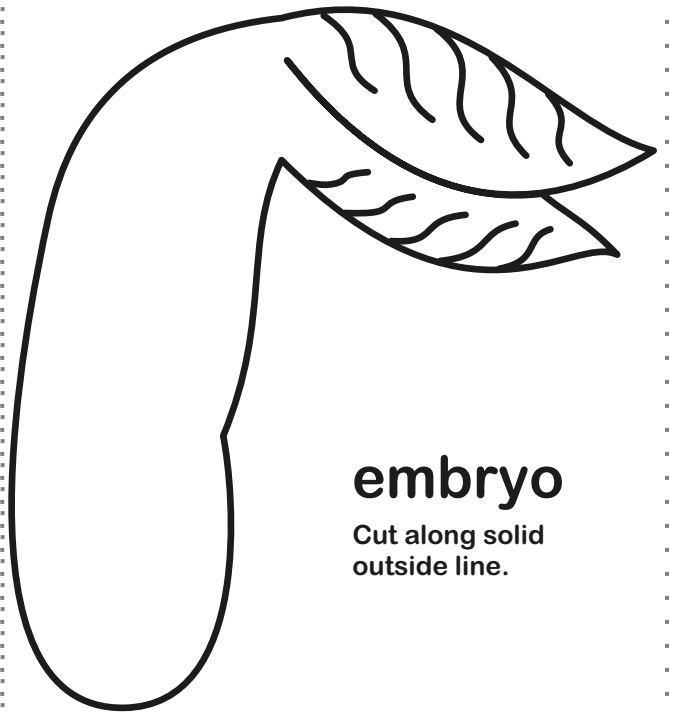
embryo

Cut along solid
outside line.



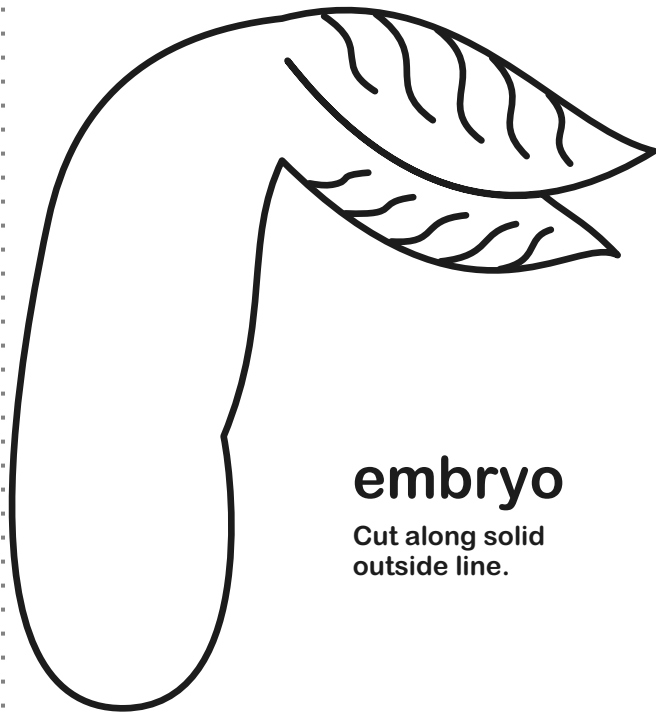
embryo

Cut along solid
outside line.



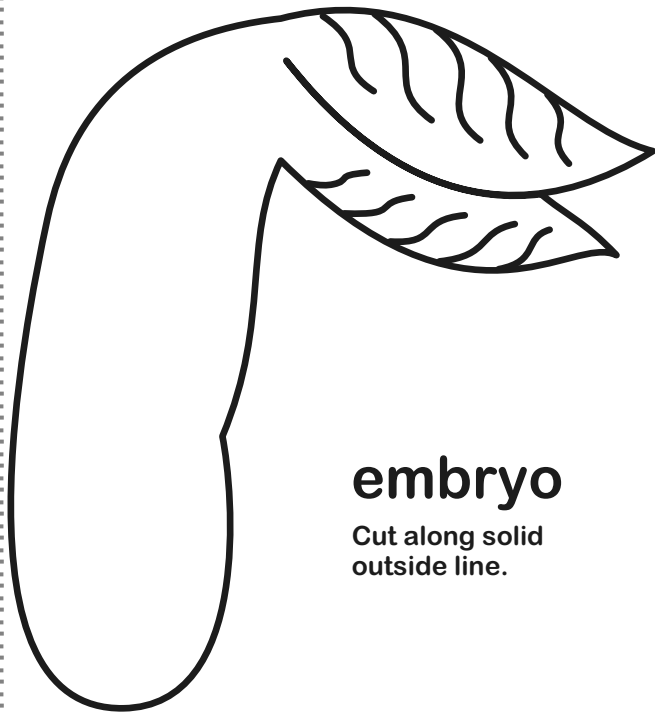
embryo

Cut along solid
outside line.



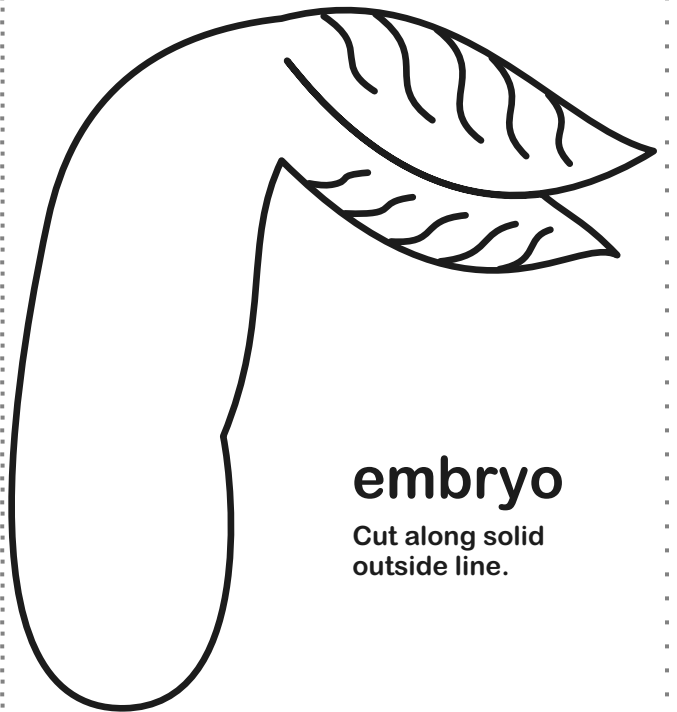
embryo

Cut along solid
outside line.



embryo

Cut along solid
outside line.



embryo

Cut along solid
outside line.