

Investigating how teeth decay



This is Buddy.

He helps us look after our teeth and mouth.

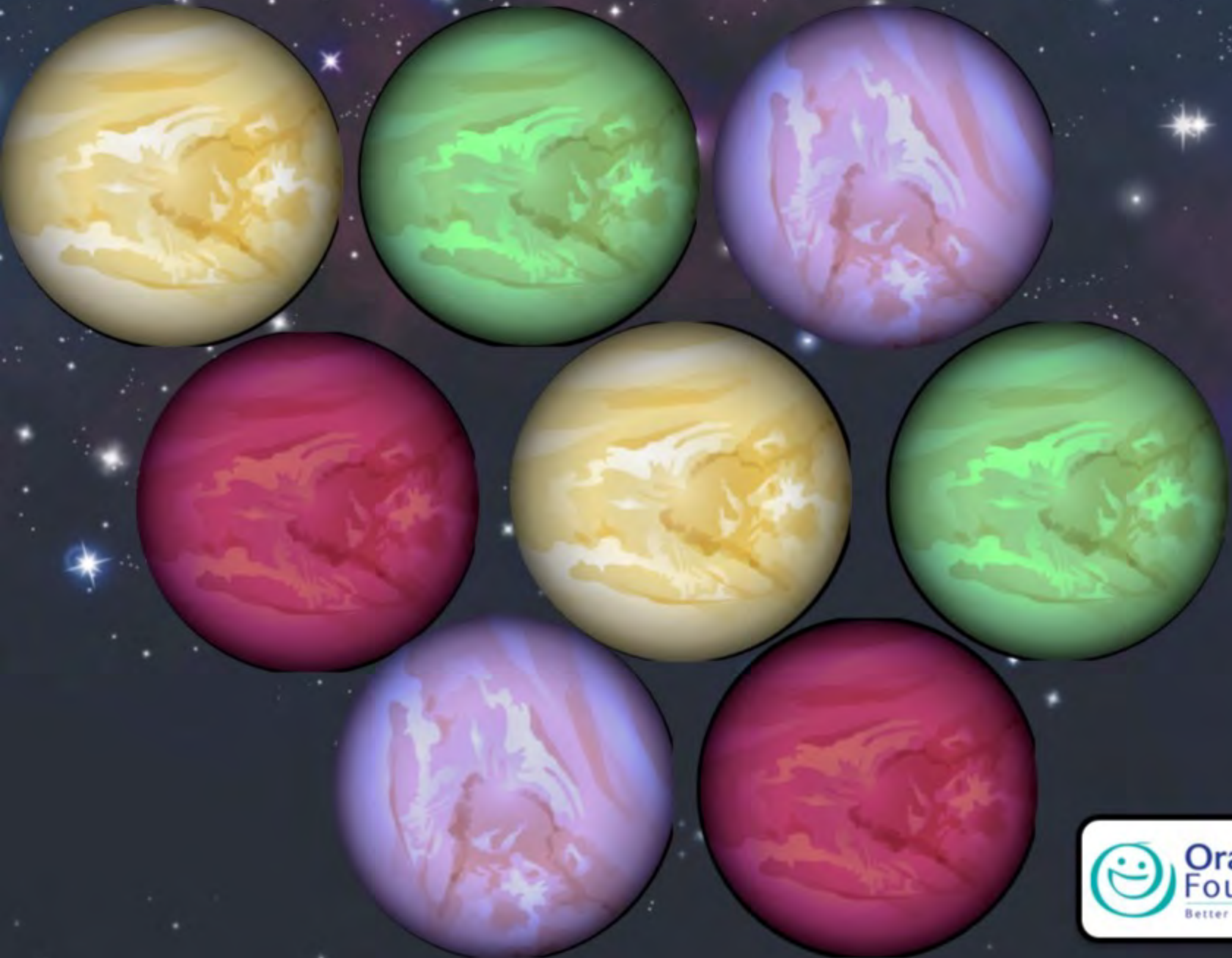




Today Buddy is going to help us investigate how our teeth can decay.

First of all can you remember some of the things we need to do to keep our teeth healthy?





Eat plenty of fruit and vegetables.

Brush for at least two minutes every time.

Visit the dentist regularly.

Don't rinse after brushing.

Water and milk are healthy drinks for teeth.

Don't swallow toothpaste when we are done – always spit.

Brush our teeth twice a day – morning and night.

Avoid snacking on sugary drinks and foods.



If we don't look after our teeth who can remember what might happen?



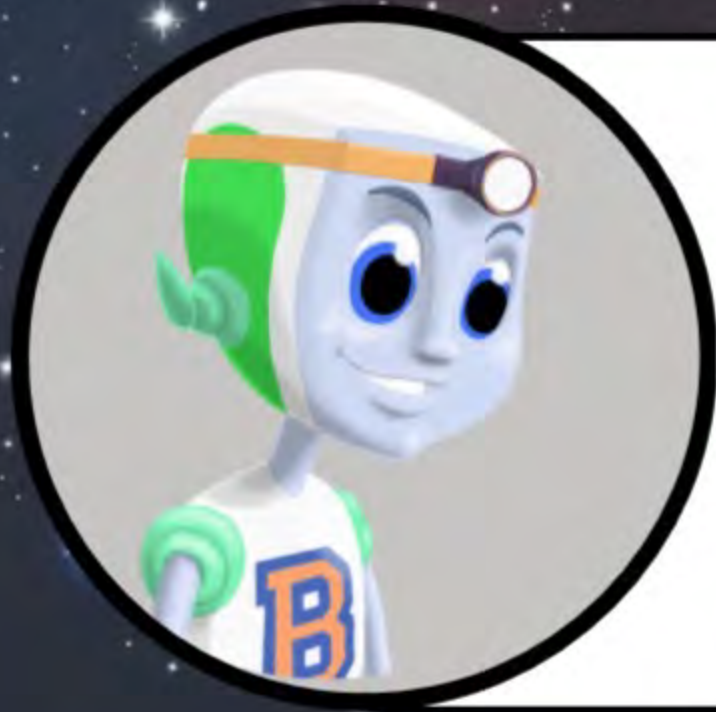


Germs
build up in
our mouths to
produce plaque
which sticks to
our teeth.

If we
don't get rid
of the plaque,
holes can
appear in
our teeth.

If the dentist
can't repair
the hole the
tooth may be
lost forever.





Now you are going to see for yourselves how food and drink can cause your teeth to decay.

Instead of experimenting on your teeth we are going to use eggs. Just like your teeth, eggs contain large amounts of calcium.



We are going to drop an egg into three different containers which each contain different liquids:





How can we make this a fair test?

Which things might we change and which must we keep the same?



Buddy has helped you learn about teeth, now you can be a Buddy too!

Now carry out your experiment using the activity sheet.

Write up:

- Your experiment aim.
- What you will change.
- What you will keep the same.
- What you think will happen.

What I will change	What I keep the same	Prediction

Now you have conducted your experiment we're going to leave the eggs sitting in their containers for the next three days.

Every day at the same time you need to record what has happened to your egg and what its appearance looks like.

